

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017580.D
 Acq On : 06 Mar 2024 09:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2024
 Supervised By : Mahesh Dadoda 03/07/2024

Quant Time: Mar 07 02:03:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	149184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	223820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	199777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	65715	46.479	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.960%		
35) Dibromofluoromethane	7.722	113	77811	49.890	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.780%		
50) Toluene-d8	10.185	98	296922	54.450	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	108.900%		
62) 4-Bromofluorobenzene	12.483	95	91042	53.124	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	106.240%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	51559	46.852	ug/l	100
3) Chloromethane	2.113	50	90052	44.786	ug/l	96
4) Vinyl Chloride	2.247	62	121769	47.206	ug/l	99
5) Bromomethane	2.650	94	100086	47.612	ug/l	95
6) Chloroethane	2.790	64	79616	48.926	ug/l	98
7) Trichlorofluoromethane	3.119	101	123870	47.116	ug/l	92
8) Diethyl Ether	3.527	74	36232	46.988	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	74464	49.242	ug/l	99
10) Methyl Iodide	4.088	142	90602	53.387	ug/l	99
11) Tert butyl alcohol	4.954	59	19915	165.822	ug/l #	96
12) 1,1-Dichloroethene	3.869	96	71087	50.442	ug/l	97
13) Acrolein	3.729	56	28386	179.129	ug/l	100
14) Allyl chloride	4.479	41	83997	49.328	ug/l	96
15) Acrylonitrile	5.155	53	71169	224.522	ug/l	100
16) Acetone	3.942	43	74941	273.276	ug/l	95
17) Carbon Disulfide	4.192	76	220468	52.119	ug/l	98
18) Methyl Acetate	4.479	43	32924	49.487	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	153713	46.796	ug/l	100
20) Methylene Chloride	4.716	84	79181	49.040	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	82668	50.100	ug/l	98
22) Diisopropyl ether	6.119	45	193630	49.277	ug/l	96
23) Vinyl Acetate	6.058	43	554692	236.894	ug/l	100
24) 1,1-Dichloroethane	6.015	63	131238	48.887	ug/l	99
25) 2-Butanone	6.984	43	95941	245.489	ug/l	98
26) 2,2-Dichloropropane	6.984	77	112500	49.844	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	92975	50.184	ug/l	98
28) Bromochloromethane	7.338	49	54278	51.338	ug/l	94
29) Tetrahydrofuran	7.350	42	53548	227.296	ug/l	98
30) Chloroform	7.508	83	141368	49.462	ug/l	99
31) Cyclohexane	7.789	56	110761	48.138	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	123165	49.636	ug/l	99
36) 1,1-Dichloropropene	7.917	75	109851	52.203	ug/l	99
37) Ethyl Acetate	7.076	43	37214	44.776	ug/l #	97
38) Carbon Tetrachloride	7.905	117	112675	53.426	ug/l	99
39) Methylcyclohexane	9.185	83	135145	53.440	ug/l	99
40) Benzene	8.161	78	326456	52.239	ug/l	97

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Quant Time: Mar 07 02:03:16 2024

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Quant Title : SW846 8260

QLast Update : Sat Feb 24 04:41:20 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	21452m	51.435	ug/l	
42) 1,2-Dichloroethane	8.240	62	74748	49.024	ug/l	98
43) Isopropyl Acetate	8.277	43	68541	46.930	ug/l #	86
44) Trichloroethene	8.941	130	91933	51.039	ug/l	98
45) 1,2-Dichloropropane	9.222	63	76143	51.213	ug/l	99
46) Dibromomethane	9.307	93	42138	49.522	ug/l	96
47) Bromodichloromethane	9.496	83	105447	51.039	ug/l	99
48) Methyl methacrylate	9.295	41	33250	49.184	ug/l	97
49) 1,4-Dioxane	9.301	88	8962	930.666	ug/l #	97
51) 4-Methyl-2-Pentanone	10.075	43	189599	232.928	ug/l	99
52) Toluene	10.246	92	208314	52.877	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	95989	50.056	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	120003	51.501	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	59954	49.626	ug/l	98
56) Ethyl methacrylate	10.514	69	67023	45.345	ug/l	97
57) 1,3-Dichloropropane	10.794	76	96204	48.978	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	162383	232.928	ug/l	98
59) 2-Hexanone	10.837	43	145352	259.972	ug/l	100
60) Dibromochloromethane	10.990	129	73507	51.432	ug/l	99
61) 1,2-Dibromoethane	11.093	107	55121	49.510	ug/l	100
64) Tetrachloroethene	10.727	164	90759	47.332	ug/l	97
65) Chlorobenzene	11.520	112	218359	51.495	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	81877	51.540	ug/l	99
67) Ethyl Benzene	11.599	91	390857	52.558	ug/l	97
68) m/p-Xylenes	11.709	106	311107	106.465	ug/l	99
69) o-Xylene	12.032	106	145372	53.623	ug/l	96
70) Styrene	12.050	104	241758	53.724	ug/l	98
71) Bromoform	12.215	173	43996	49.977	ug/l #	97
73) Isopropylbenzene	12.331	105	379764	50.960	ug/l	99
74) N-amyl acetate	12.148	43	60272	45.857	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	61913	48.381	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	41288m	43.321	ug/l	
77) Bromobenzene	12.611	156	89476	49.580	ug/l	93
78) n-propylbenzene	12.672	91	455007	50.885	ug/l	100
79) 2-Chlorotoluene	12.758	91	243990	48.736	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	306836	51.393	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	19538	47.105	ug/l	97
82) 4-Chlorotoluene	12.861	91	252497	49.310	ug/l	98
83) tert-Butylbenzene	13.081	119	269220	51.351	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	302798	51.372	ug/l	100
85) sec-Butylbenzene	13.257	105	404091	50.413	ug/l	99
86) p-Isopropyltoluene	13.373	119	337326	51.409	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	179799	49.636	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	174251	49.479	ug/l	98
89) n-Butylbenzene	13.703	91	299918	50.098	ug/l	99
90) Hexachloroethane	13.965	117	64613	49.118	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	151544	49.459	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7894	43.879	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	80958	50.023	ug/l	99
94) Hexachlorobutadiene	15.111	225	48991	49.029	ug/l	98
95) Naphthalene	15.239	128	132596	42.887	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	67357	48.514	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

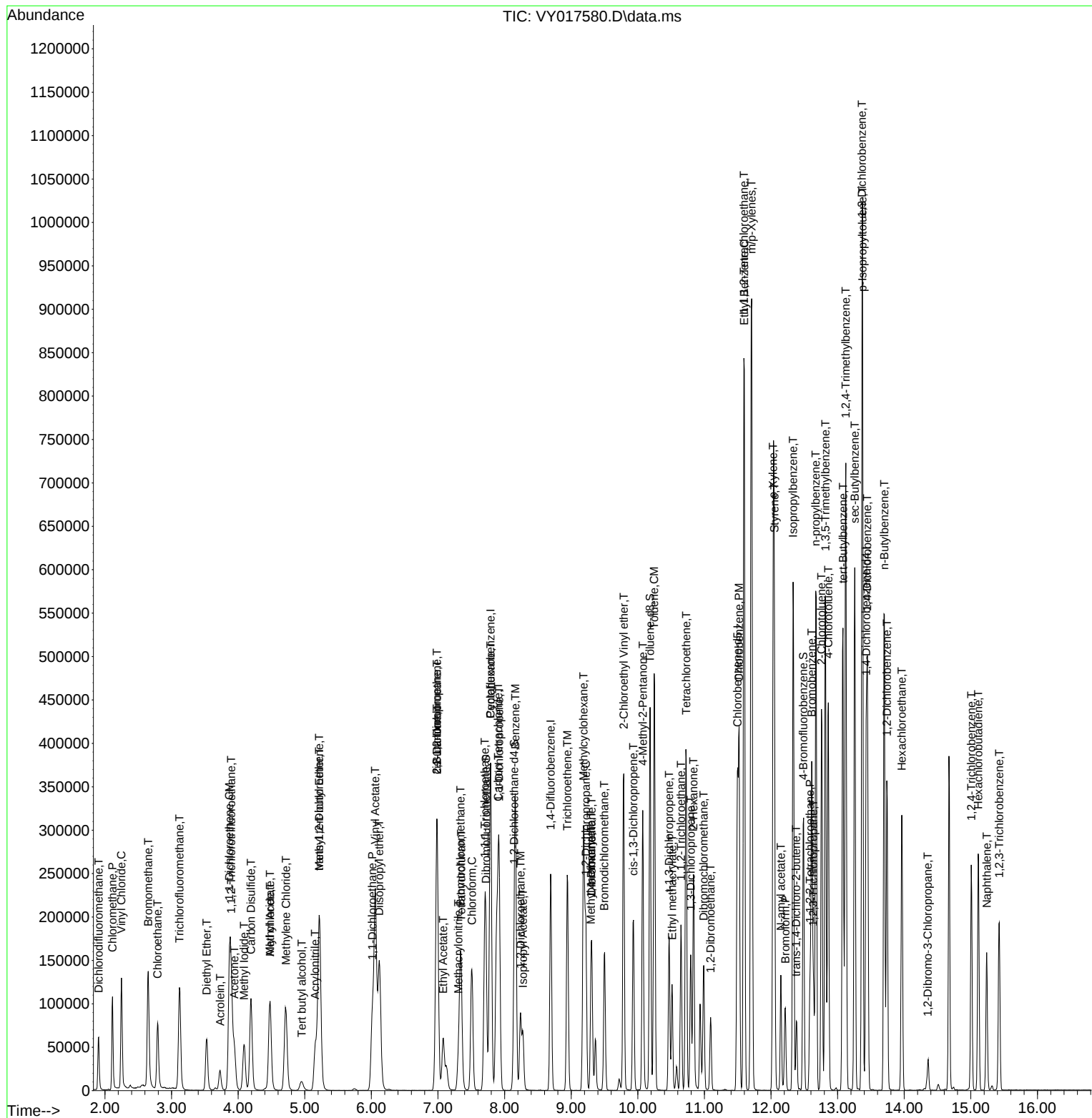
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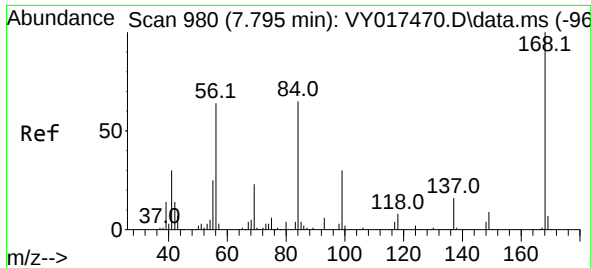
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Manual Integrations
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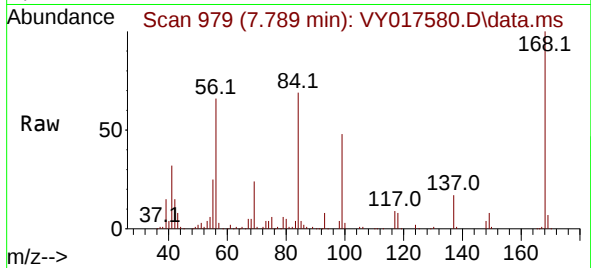
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

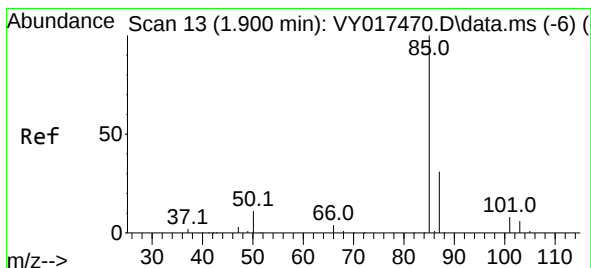
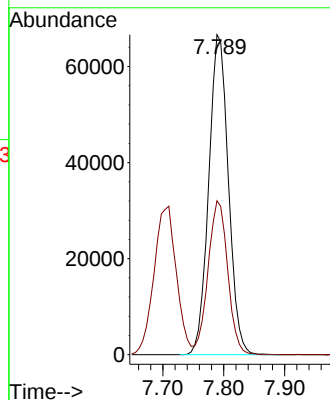
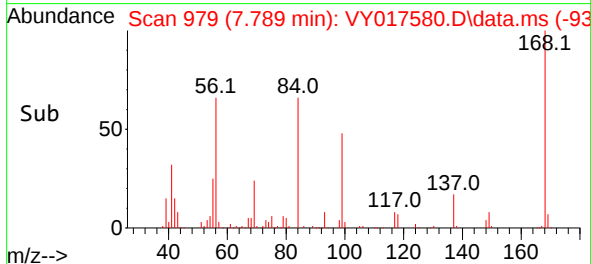
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 149184
Ion Ratio Lower Upper
168 100
99 48.1 39.1 58.7

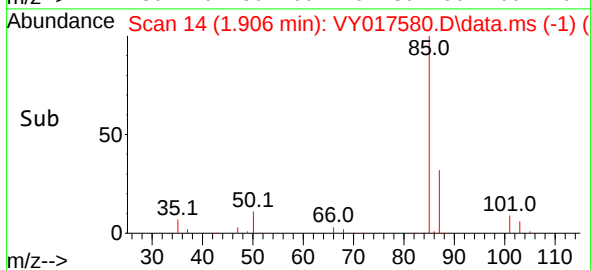
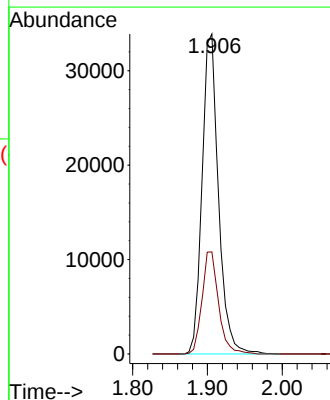
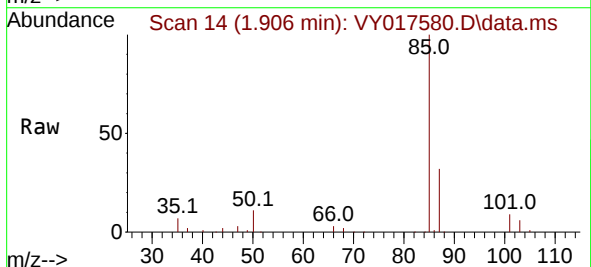
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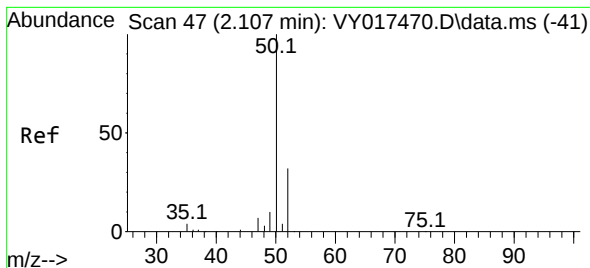
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#2
Dichlorodifluoromethane
Concen: 46.852 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

Tgt Ion: 85 Resp: 51559
Ion Ratio Lower Upper
85 100
87 31.9 16.0 48.0





#3

Chloromethane

Concen: 44.786 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY017580.D

Acq: 06 Mar 2024 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 90052

Ion Ratio Lower Upper

50 100

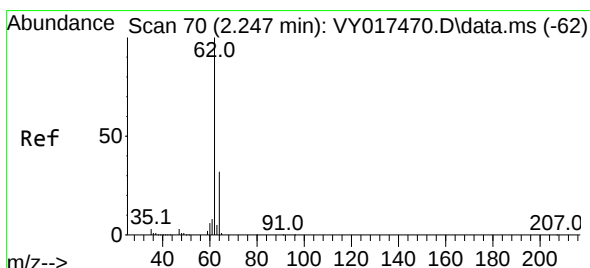
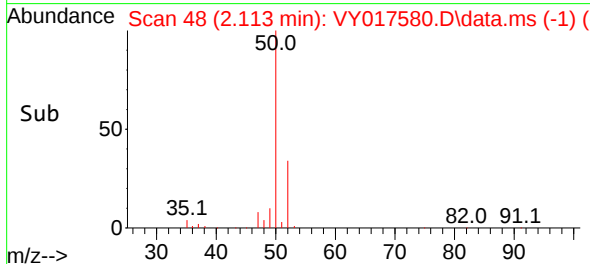
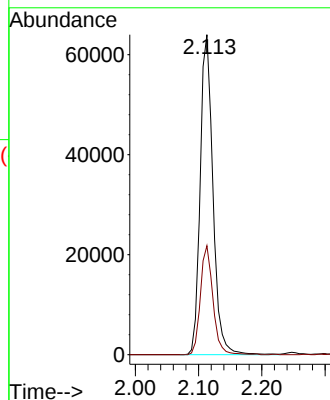
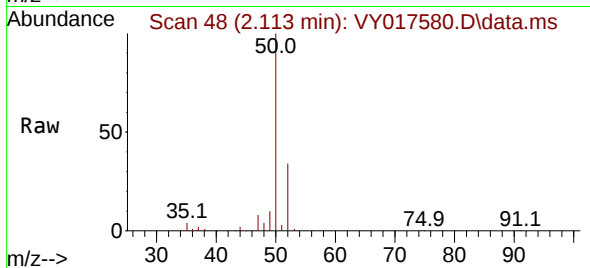
52 34.1 25.6 38.4

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 47.206 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY017580.D

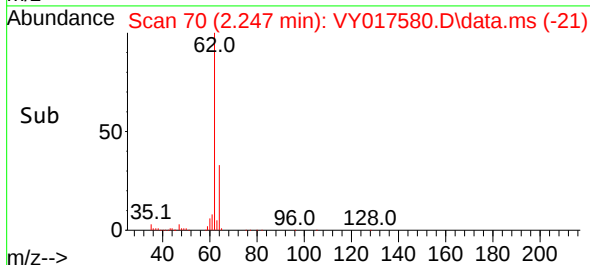
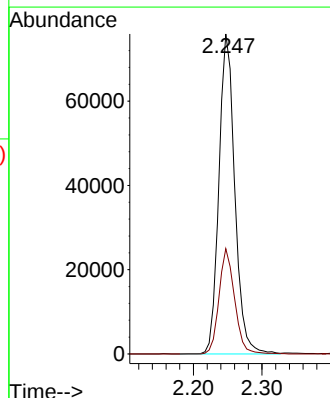
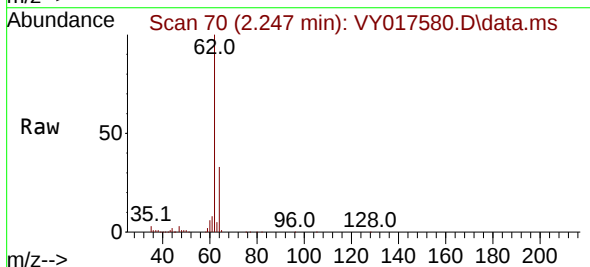
Acq: 06 Mar 2024 09:20

Tgt Ion: 62 Resp: 121769

Ion Ratio Lower Upper

62 100

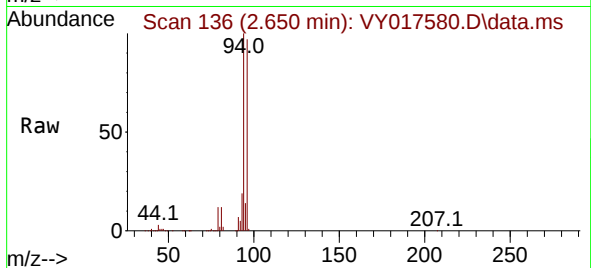
64 32.9 26.1 39.1





#5
Bromomethane
Concen: 47.612 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

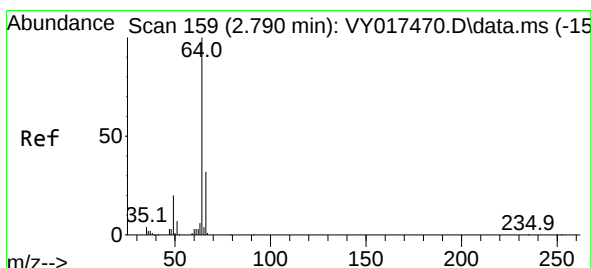
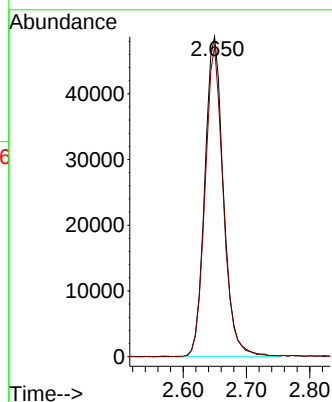
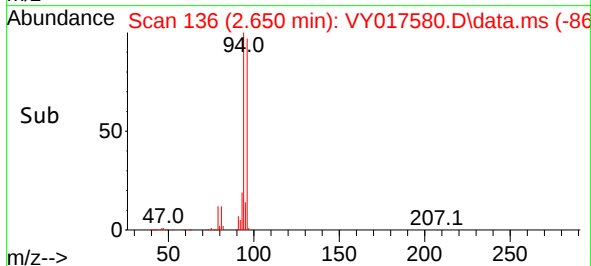
Instrument :
MSVOA_Y
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Tgt Ion: 94 Resp: 100080
Ion Ratio Lower Upper
94 100
96 96.9 74.1 111.1

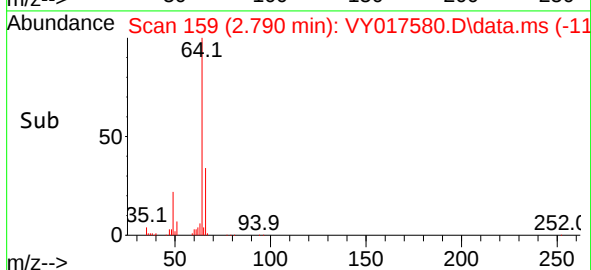
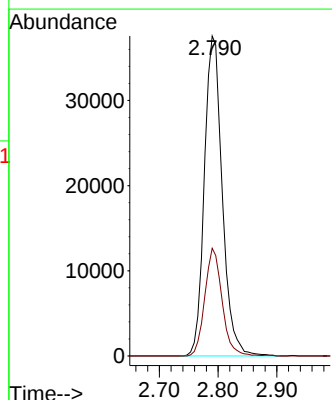
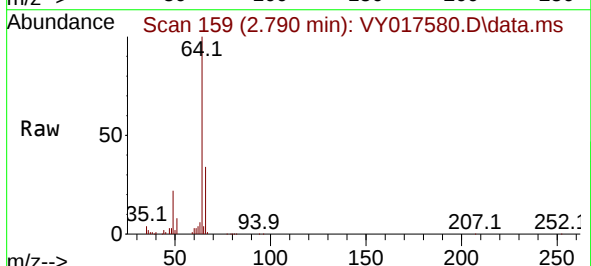
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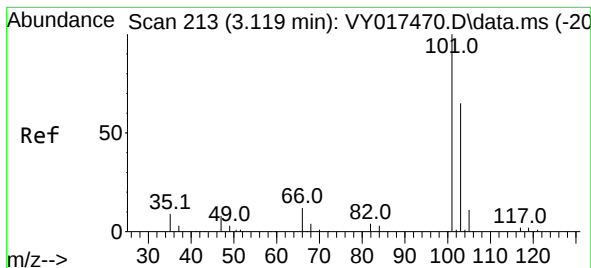
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#6
Chloroethane
Concen: 48.926 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

Tgt Ion: 64 Resp: 79616
Ion Ratio Lower Upper
64 100
66 33.7 26.1 39.1





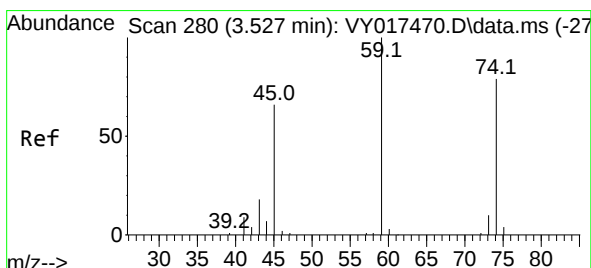
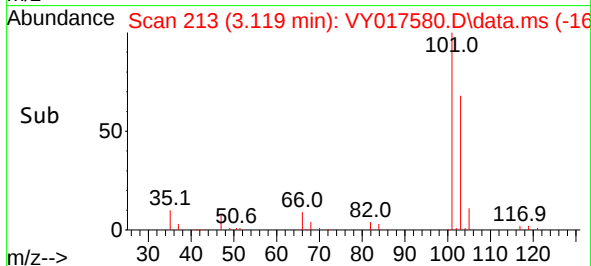
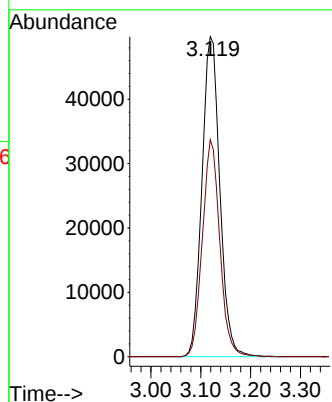
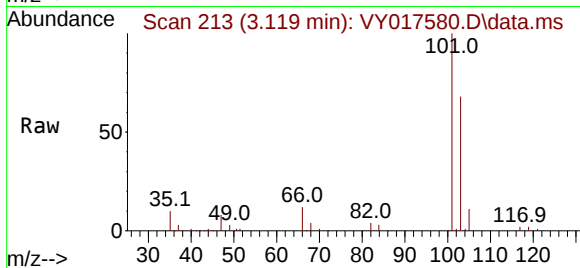
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 Trichlorofluoromethane
 Concen: 47.116 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY017580.D
 Acq: 06 Mar 2024 09:20

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 123870
 Ion Ratio Lower Upper
 101 100
 103 67.8 49.3 73.9

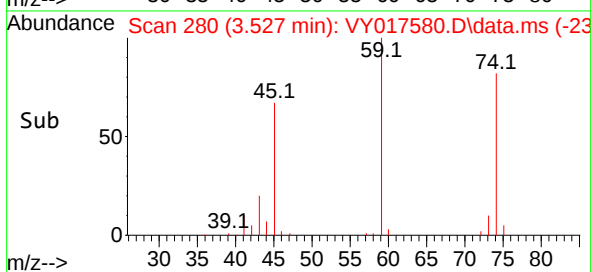
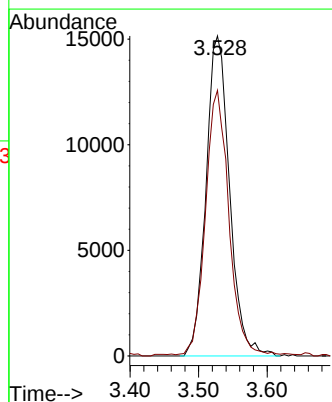
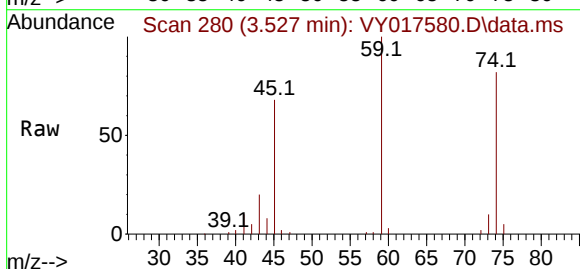
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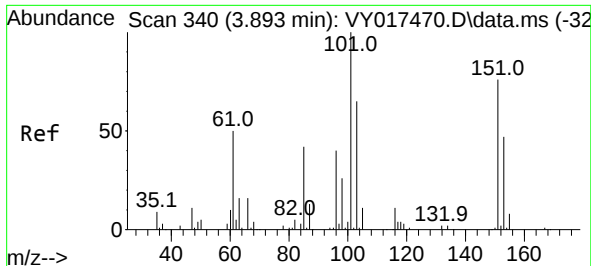
Reviewed By :John Carlone 03/07/2024
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#8
 Diethyl Ether
 Concen: 46.988 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY017580.D
 Acq: 06 Mar 2024 09:20

Tgt Ion: 74 Resp: 36232
 Ion Ratio Lower Upper
 74 100
 45 83.5 41.3 124.1





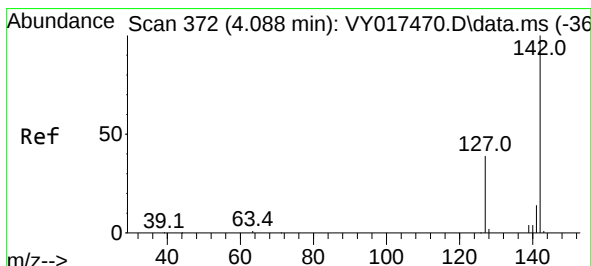
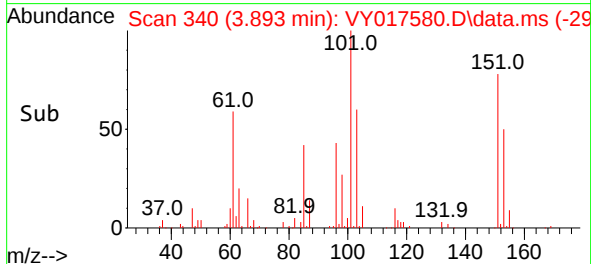
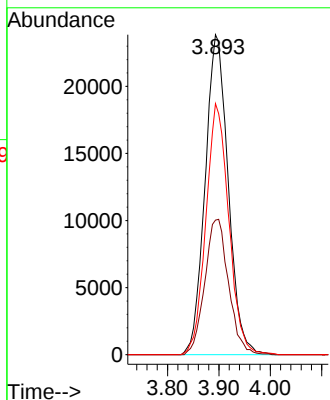
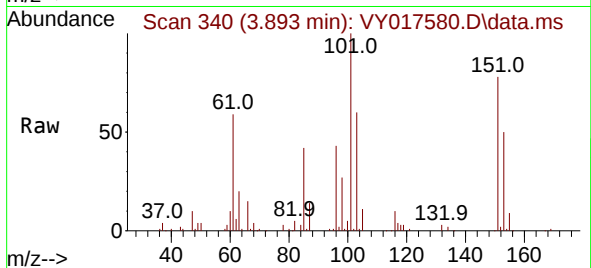
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.242 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 7446
Ion Ratio Lower Upper
101 100
85 43.5 34.5 51.7
151 78.0 61.7 92.5

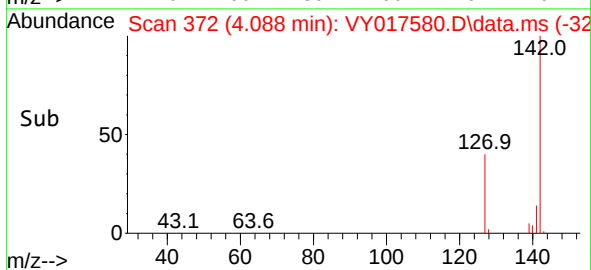
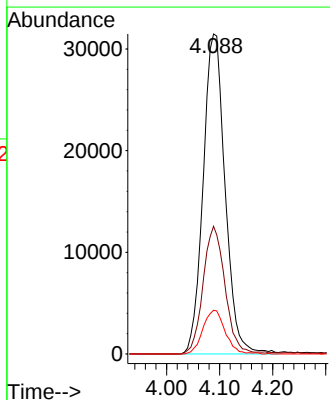
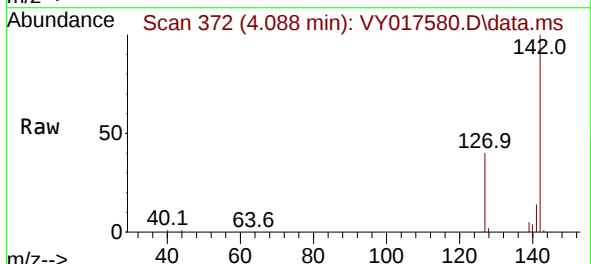
Manual Integrations
APPROVED

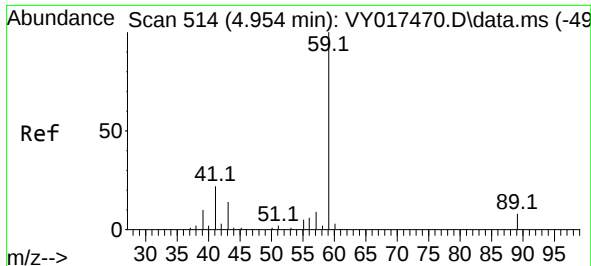
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#10
Methyl Iodide
Concen: 53.387 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

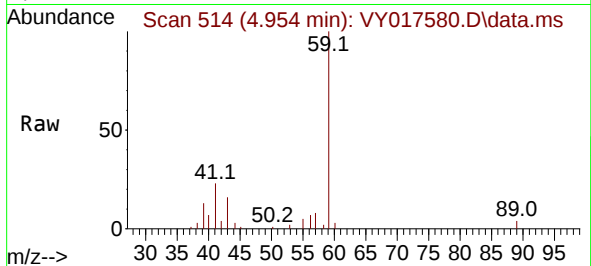
Tgt Ion:142 Resp: 90602
Ion Ratio Lower Upper
142 100
127 40.1 32.8 49.2
141 13.8 11.4 17.2





#11
Tert butyl alcohol
Concen: 165.822 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

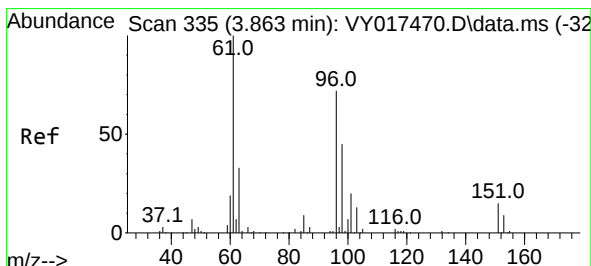
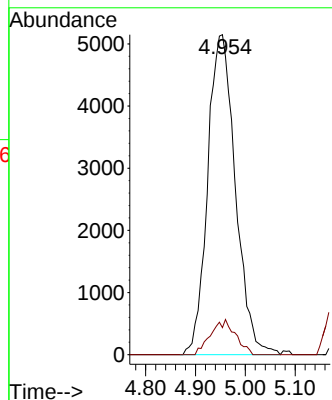
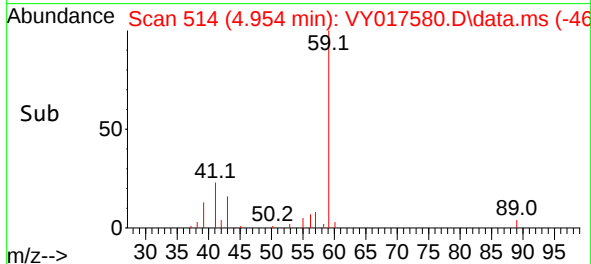
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



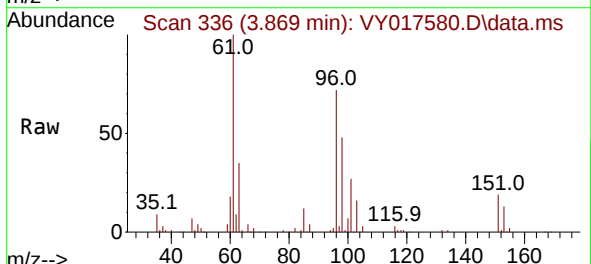
Tgt Ion: 59 Resp: 1991
Ion Ratio Lower Upper
59 100
57 5.1 3.0 4.6

Manual Integrations
APPROVED

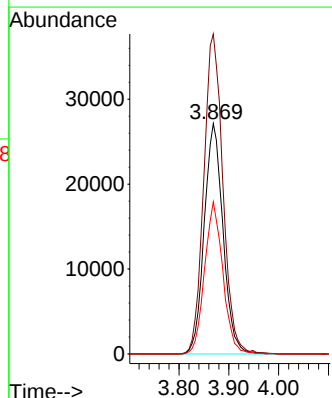
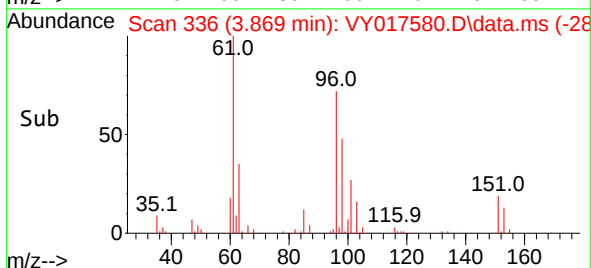
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

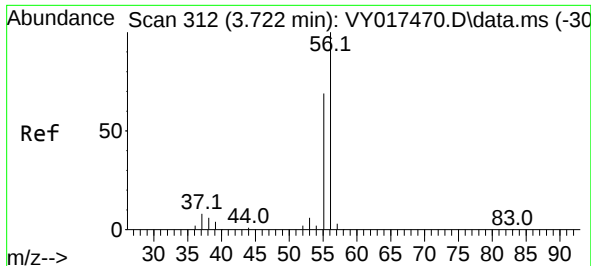


#12
1,1-Dichloroethene
Concen: 50.442 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20



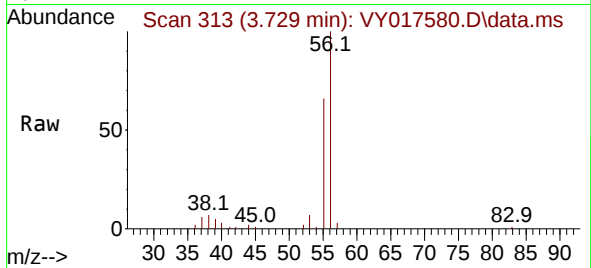
Tgt Ion: 96 Resp: 71087
Ion Ratio Lower Upper
96 100
61 138.9 114.6 171.8
98 66.1 50.8 76.2





#13
Acrolein
Concen: 179.129 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

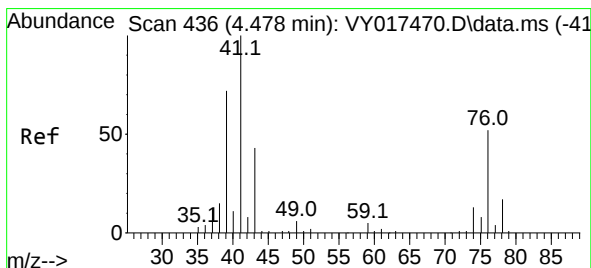
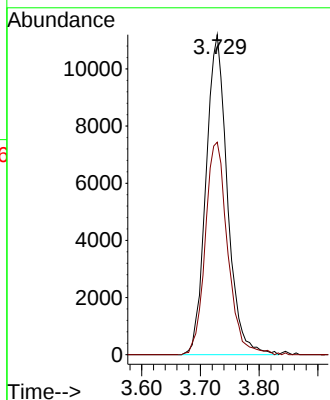
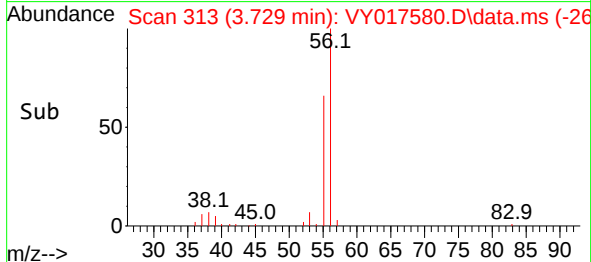
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 28380
Ion Ratio Lower Upper
56 100
55 69.4 55.7 83.5

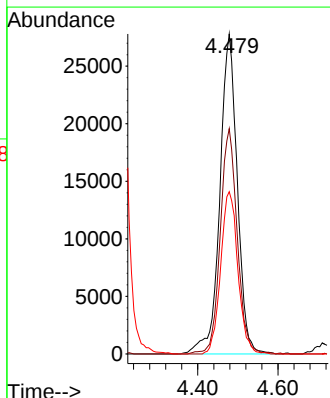
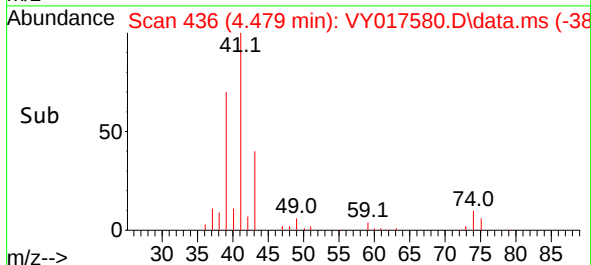
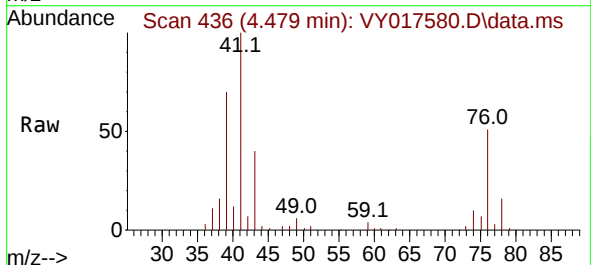
Manual Integrations
APPROVED

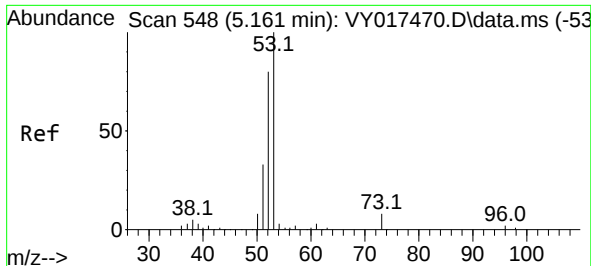
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#14
Allyl chloride
Concen: 49.328 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

Tgt Ion: 41 Resp: 83997
Ion Ratio Lower Upper
41 100
39 68.2 58.3 87.5
76 50.0 39.0 58.6





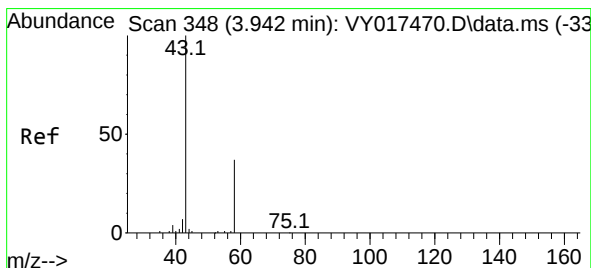
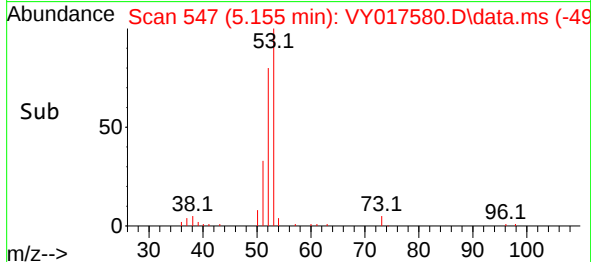
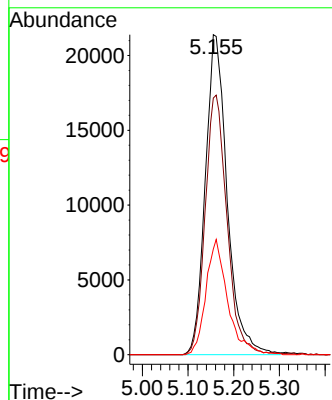
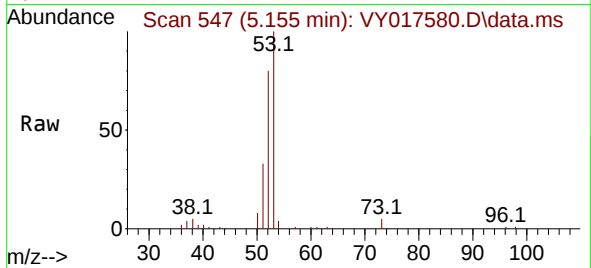
#15
Acrylonitrile
Concen: 224.522 ug/l
RT: 5.155 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 71169
Ion Ratio Lower Upper
53 100
52 80.7 64.7 97.1
51 35.9 28.4 42.6

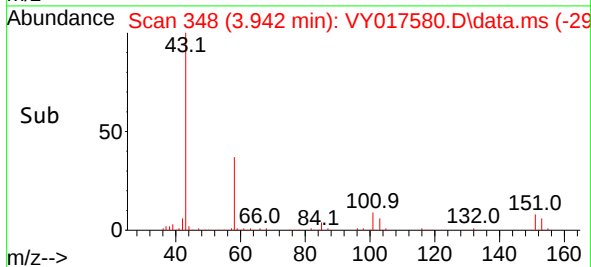
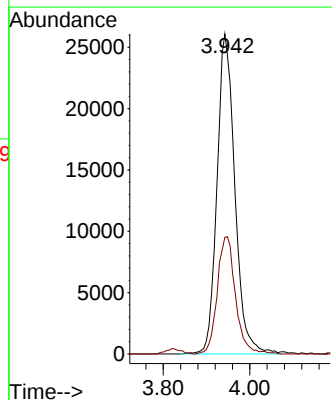
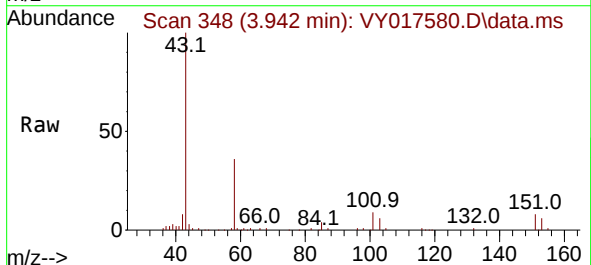
Manual Integrations
APPROVED

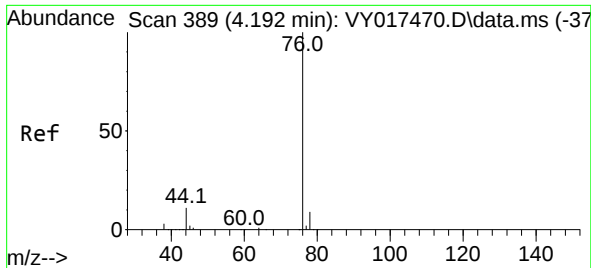
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#16
Acetone
Concen: 273.276 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

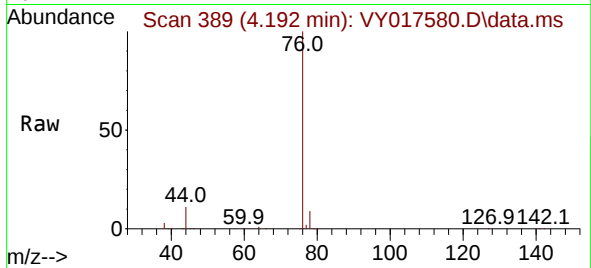
Tgt Ion: 43 Resp: 74941
Ion Ratio Lower Upper
43 100
58 36.4 31.7 47.5





#17
Carbon Disulfide
Concen: 52.119 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

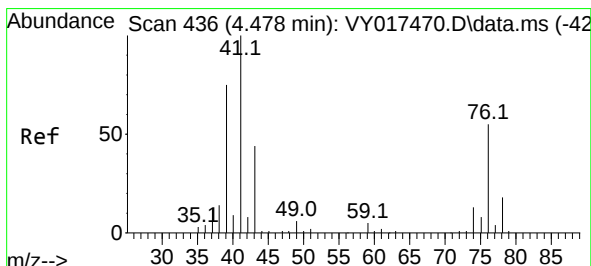
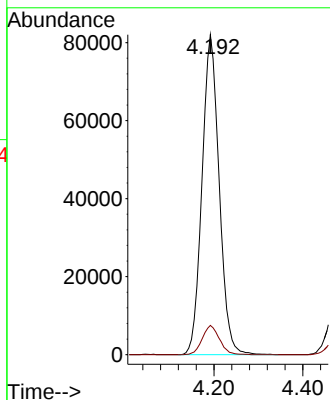
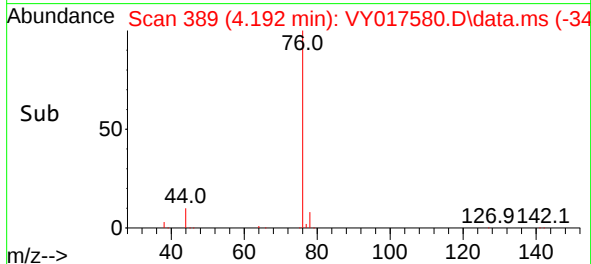
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



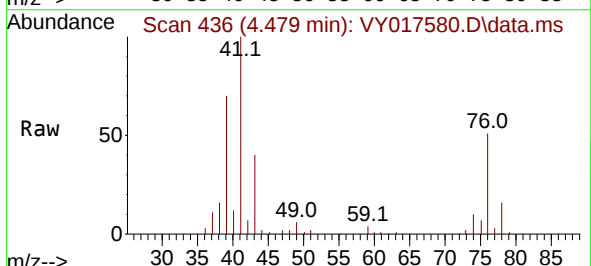
Tgt Ion: 76 Resp: 220468
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2

Manual Integrations
APPROVED

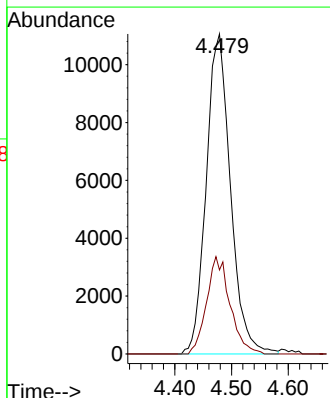
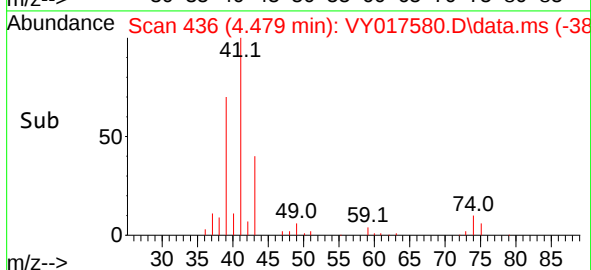
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#18
Methyl Acetate
Concen: 49.487 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20



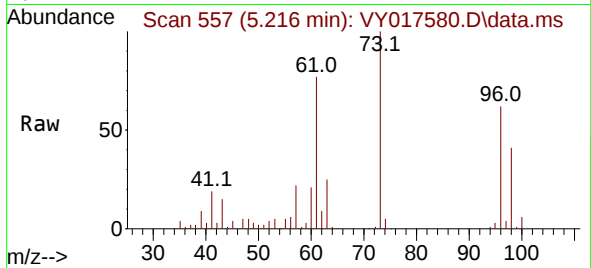
Tgt Ion: 43 Resp: 32924
Ion Ratio Lower Upper
43 100
74 29.3 23.3 34.9





#19
Methyl tert-butyl Ether
Concen: 46.796 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

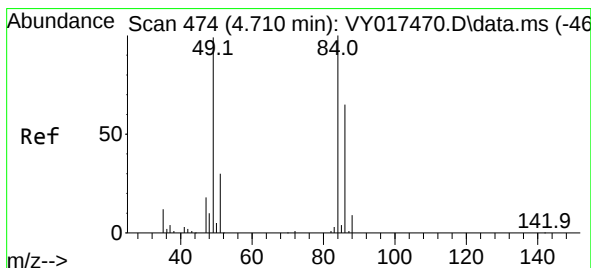
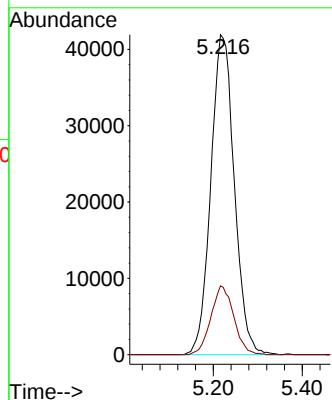
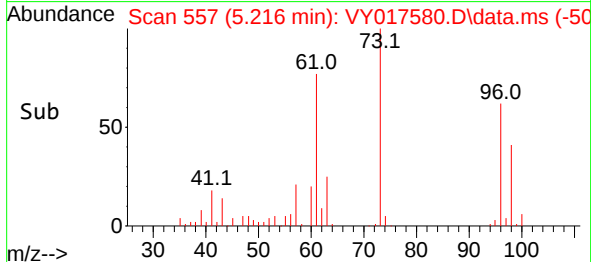
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



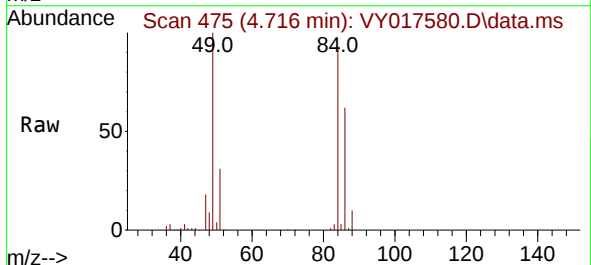
Tgt Ion: 73 Resp: 15371
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9

Manual Integrations
APPROVED

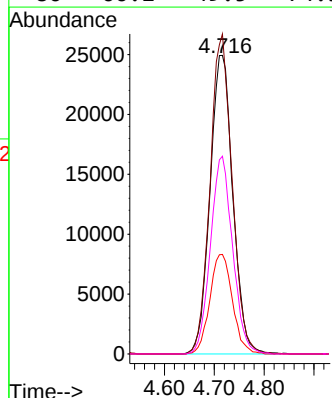
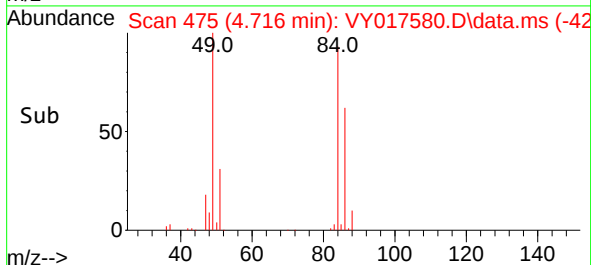
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

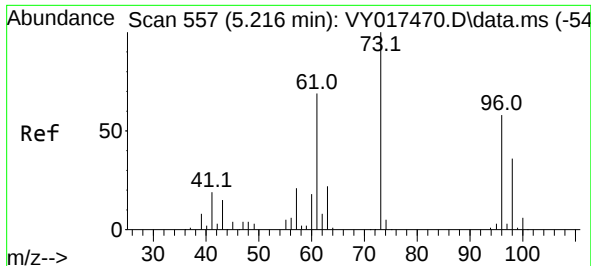


#20
Methylene Chloride
Concen: 49.040 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20



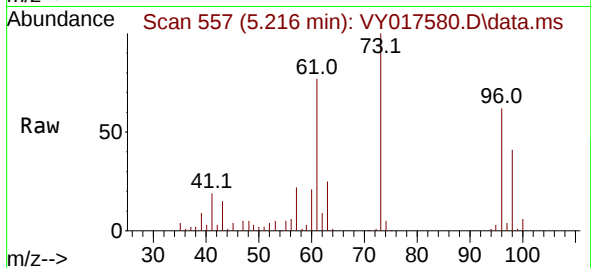
Tgt Ion: 84 Resp: 79181
Ion Ratio Lower Upper
84 100
49 107.2 84.4 126.6
51 33.4 26.0 39.0
86 66.2 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 50.100 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

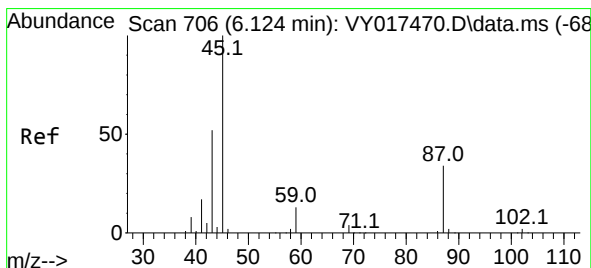
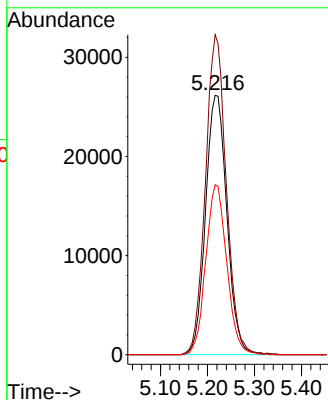
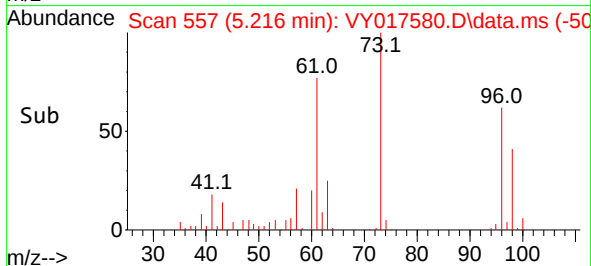
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



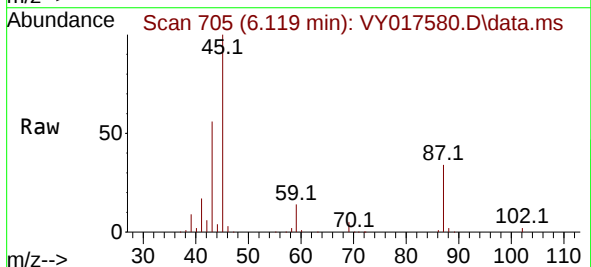
Tgt Ion: 96 Resp: 8266
Ion Ratio Lower Upper
96 100
61 123.3 97.5 146.3
98 65.5 50.5 75.7

Manual Integrations
APPROVED

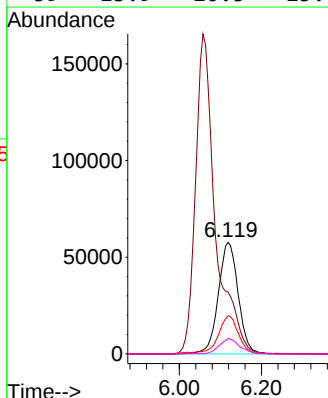
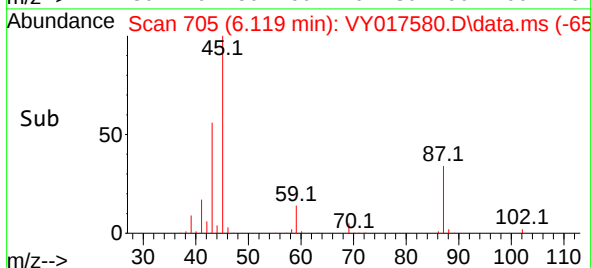
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

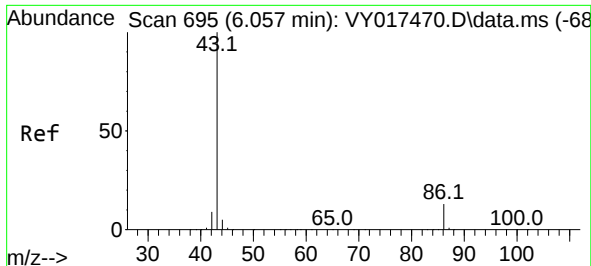


#22
Diisopropyl ether
Concen: 49.277 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20



Tgt Ion: 45 Resp: 193630
Ion Ratio Lower Upper
45 100
43 55.0 42.2 63.2
87 34.2 25.0 37.6
59 13.9 10.5 15.7





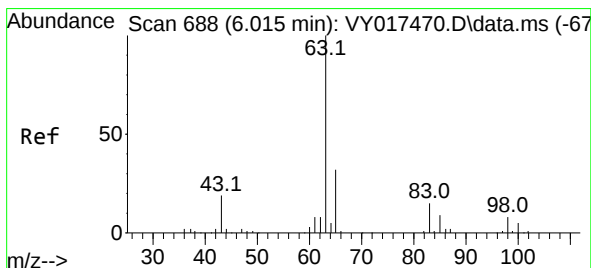
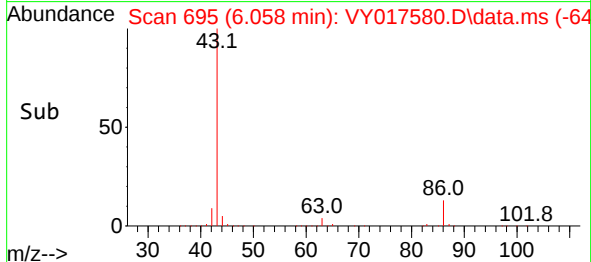
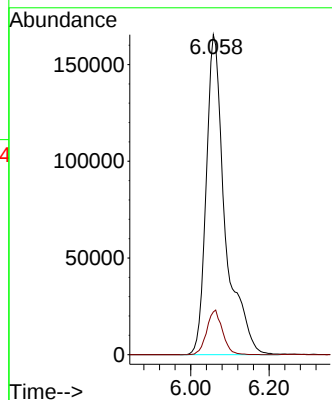
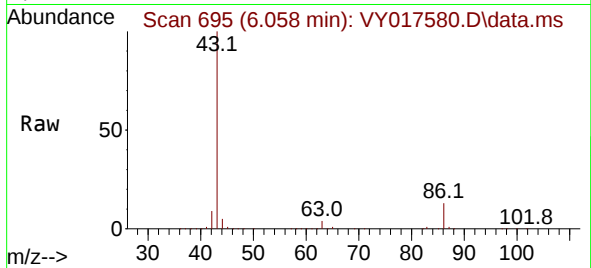
#23
 Vinyl Acetate
 Concen: 236.894 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY017580.D
 Acq: 06 Mar 2024 09:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 554692
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.6 16.0

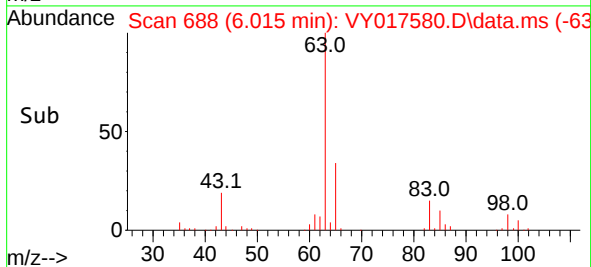
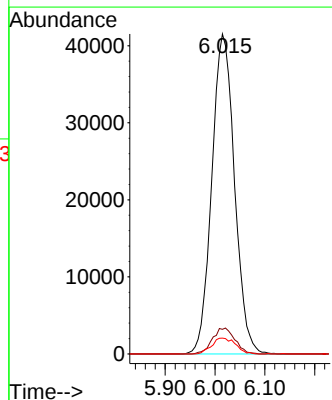
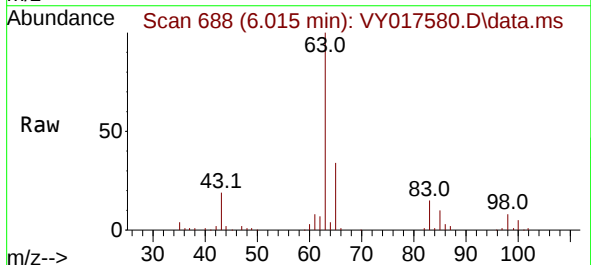
Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/07/2024
 Supervised By :Mahesh Dadoda 03/07/2024



#24
 1,1-Dichloroethane
 Concen: 48.887 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY017580.D
 Acq: 06 Mar 2024 09:20

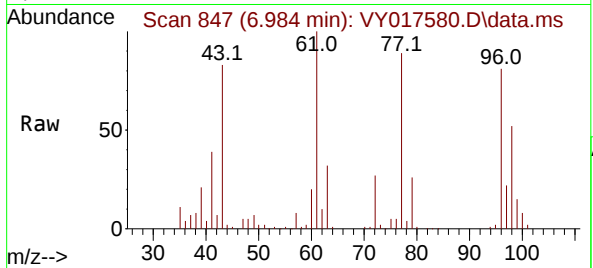
Tgt Ion: 63 Resp: 131238
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 12.2
 100 5.0 2.6 8.0





#25
2-Butanone
Concen: 245.489 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

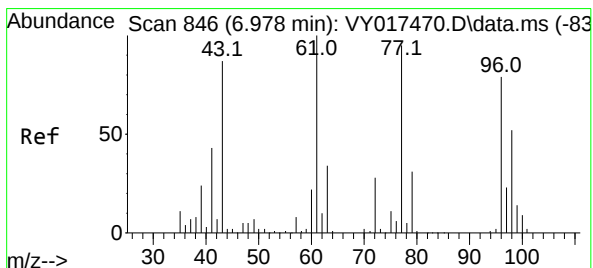
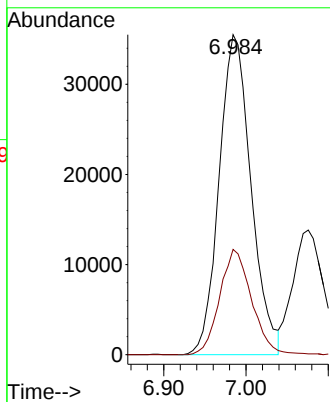
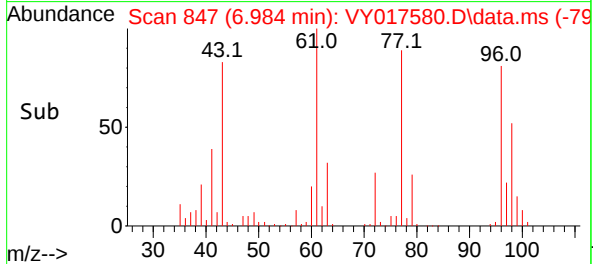
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 9594
Ion Ratio Lower Upper
43 100
72 32.9 27.3 40.9

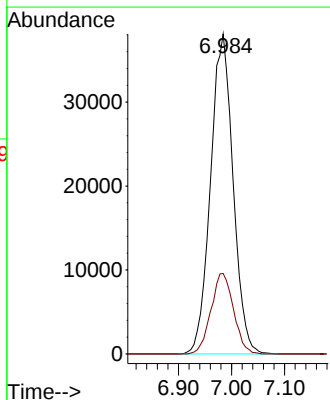
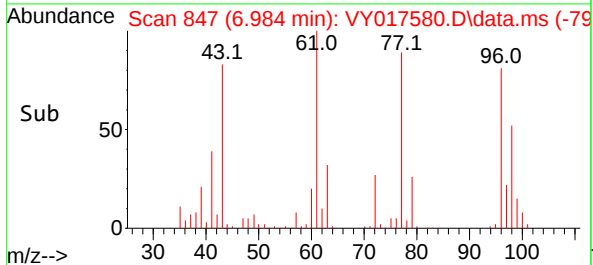
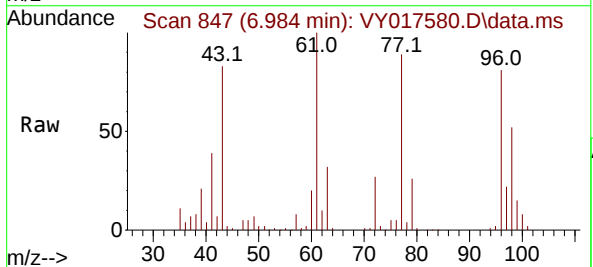
Manual Integrations
APPROVED

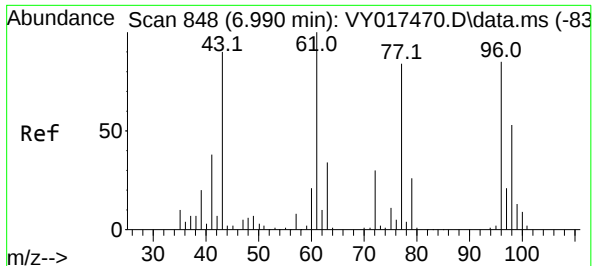
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#26
2,2-Dichloropropane
Concen: 49.844 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

Tgt Ion: 77 Resp: 112500
Ion Ratio Lower Upper
77 100
97 25.2 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 50.184 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY017580.D

Acq: 06 Mar 2024 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 92975

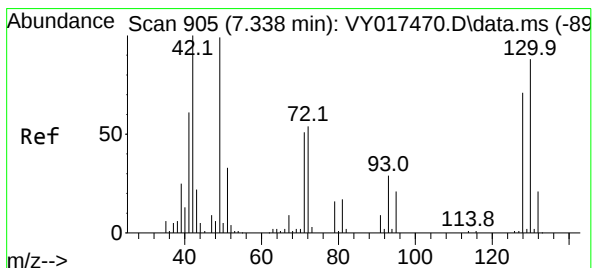
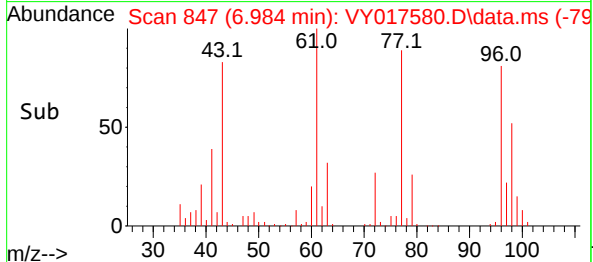
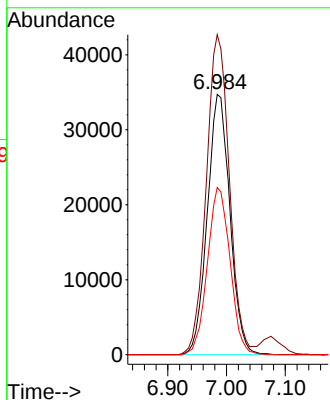
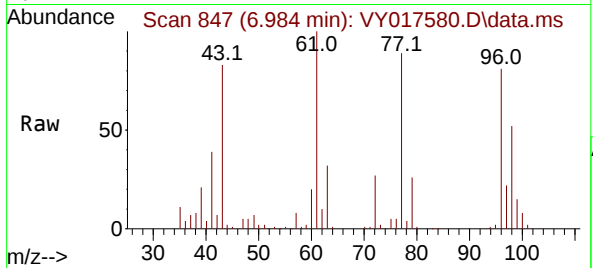
Ion	Ratio	Lower	Upper
96	100		
61	125.7	0.0	256.2
98	64.2	0.0	130.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#28

Bromochloromethane

Concen: 51.338 ug/l

RT: 7.338 min Scan# 905

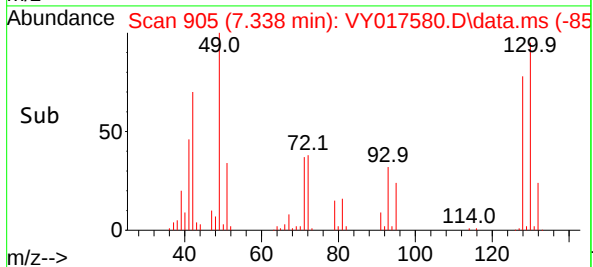
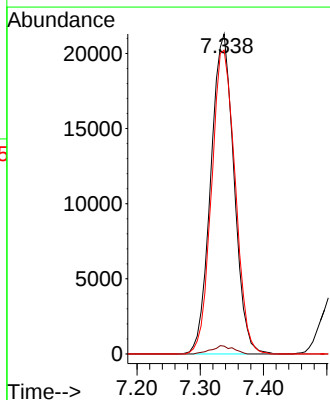
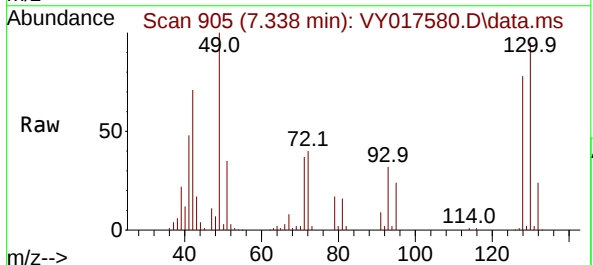
Delta R.T. 0.000 min

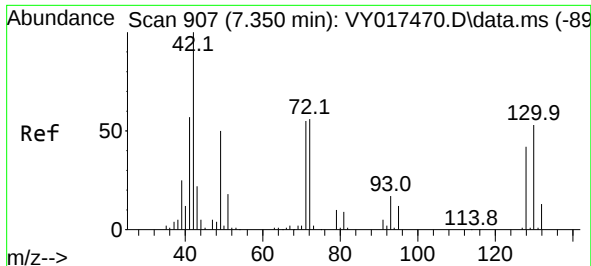
Lab File: VY017580.D

Acq: 06 Mar 2024 09:20

Tgt Ion: 49 Resp: 54278

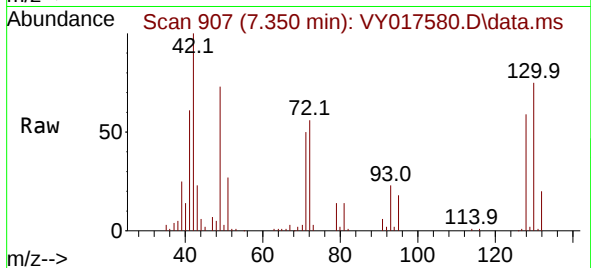
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	96.3	72.7	109.1





#29
Tetrahydrofuran
Concen: 227.296 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

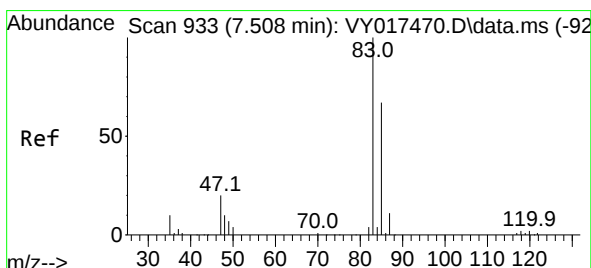
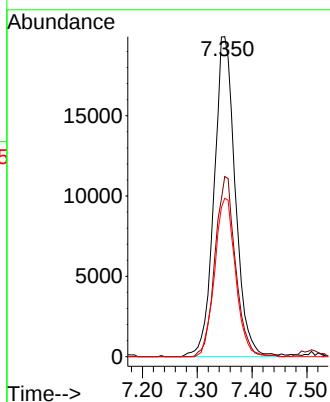
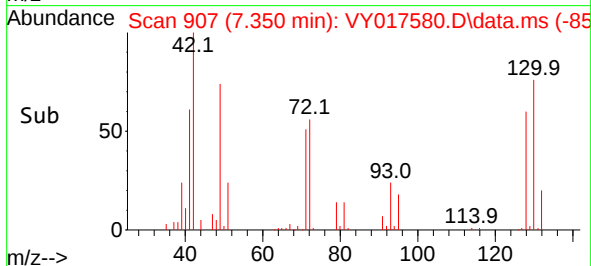
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



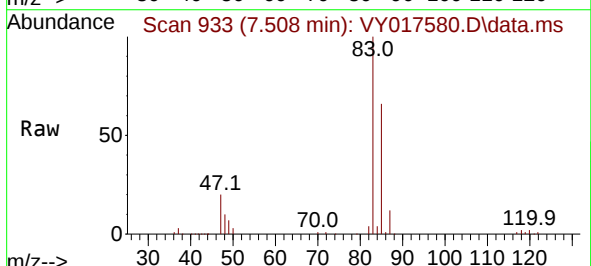
Tgt Ion: 42 Resp: 53548
Ion Ratio Lower Upper
42 100
72 54.4 43.0 64.4
71 49.0 40.8 61.2

Manual Integrations
APPROVED

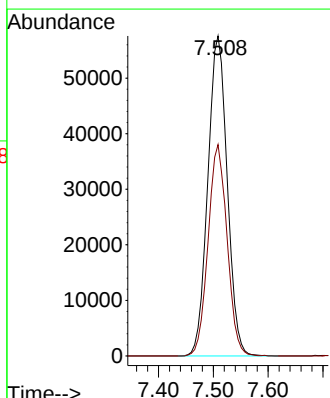
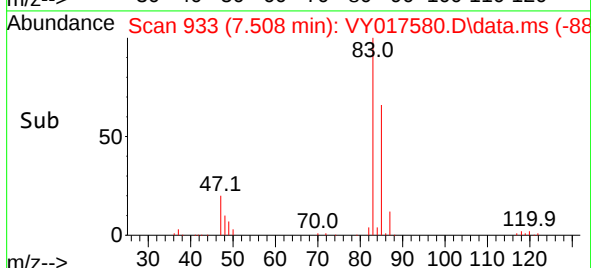
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

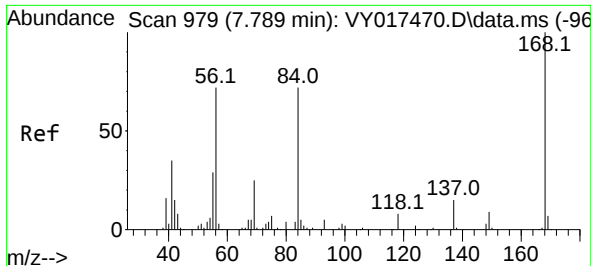


#30
Chloroform
Concen: 49.462 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20



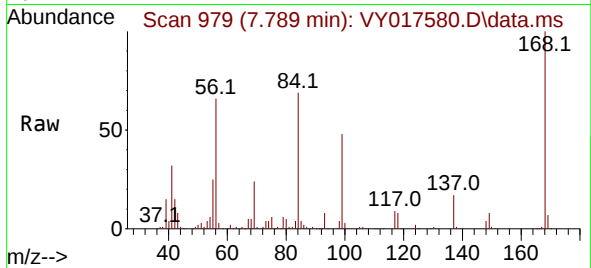
Tgt Ion: 83 Resp: 141368
Ion Ratio Lower Upper
83 100
85 66.1 52.2 78.4





#31
Cyclohexane
Concen: 48.138 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

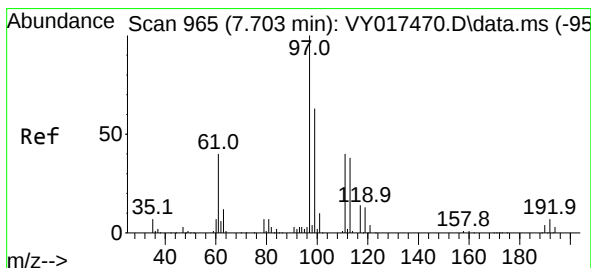
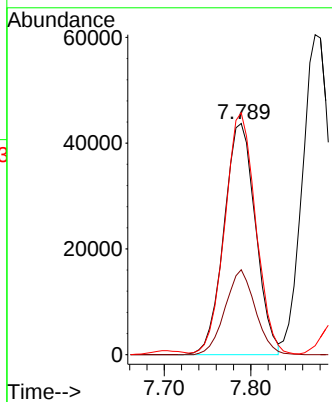
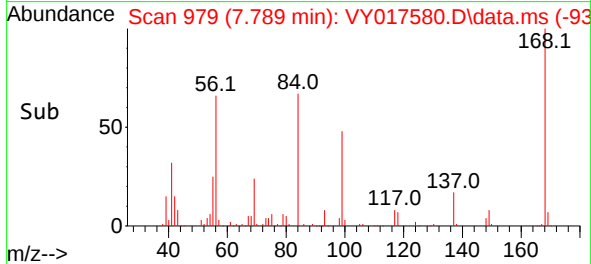
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



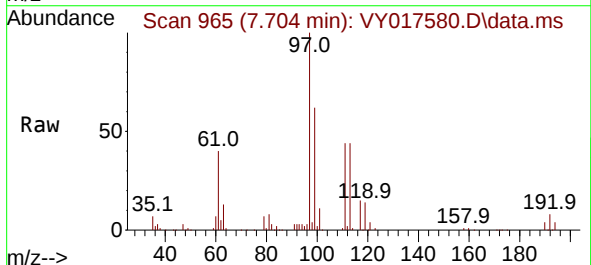
Tgt Ion: 56 Resp: 11076
Ion Ratio Lower Upper
56 100
69 36.8 28.7 43.1
84 103.2 77.7 116.5

Manual Integrations
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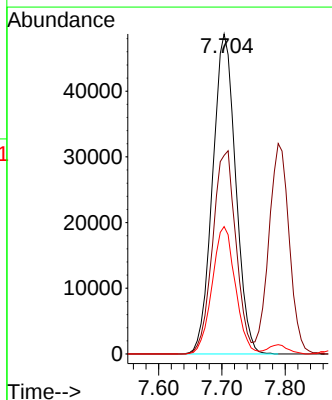
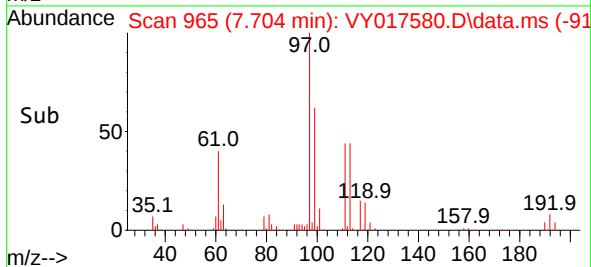
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

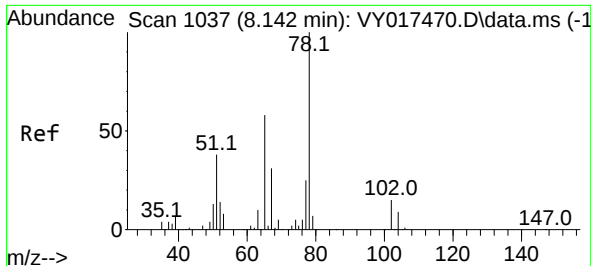


#32
1,1,1-Trichloroethane
Concen: 49.636 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20



Tgt Ion: 97 Resp: 123165
Ion Ratio Lower Upper
97 100
99 64.1 50.3 75.5
61 40.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 46.479 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017580.D

Acq: 06 Mar 2024 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 65715

Ion Ratio Lower Upper

65 100

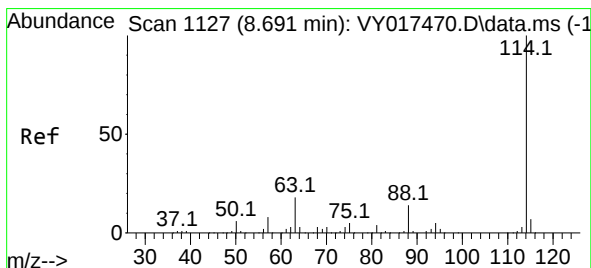
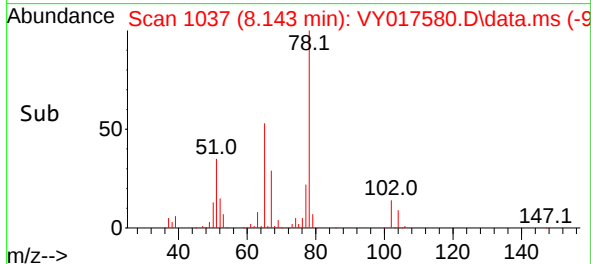
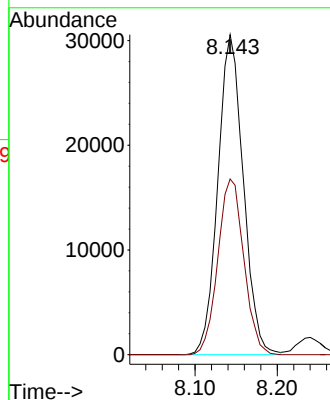
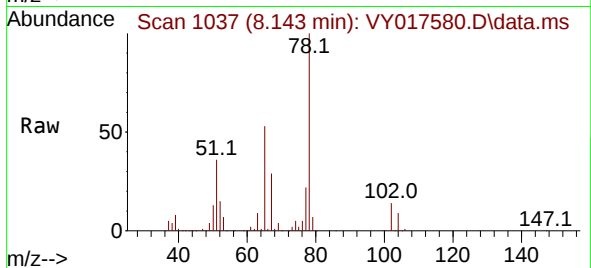
67 56.0 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017580.D

Acq: 06 Mar 2024 09:20

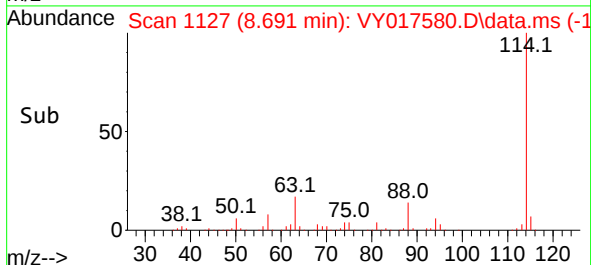
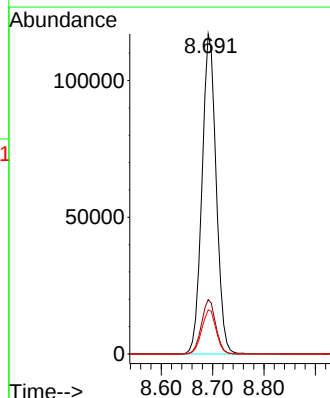
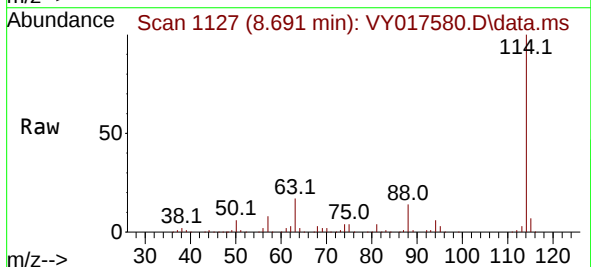
Tgt Ion:114 Resp: 223820

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

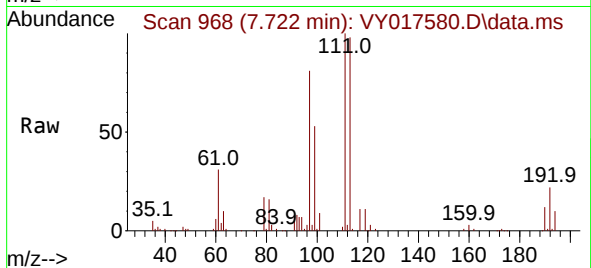
88 13.8 0.0 27.2





#35
Dibromofluoromethane
Concen: 49.890 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

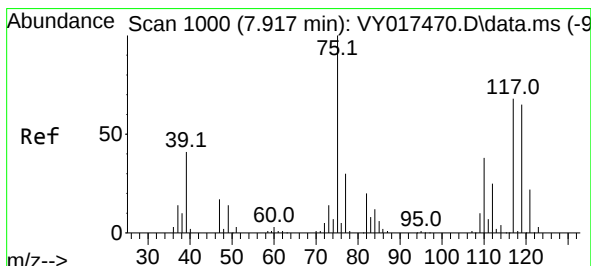
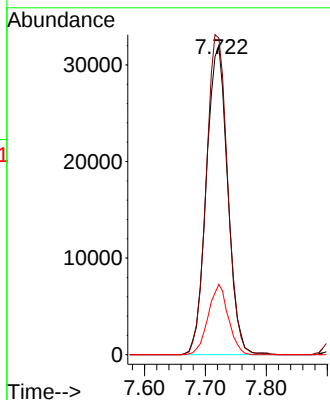
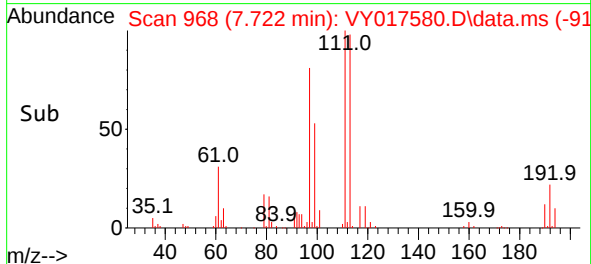
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 7781
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 21.4 15.9 23.9

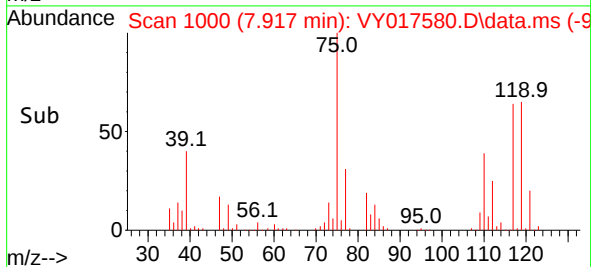
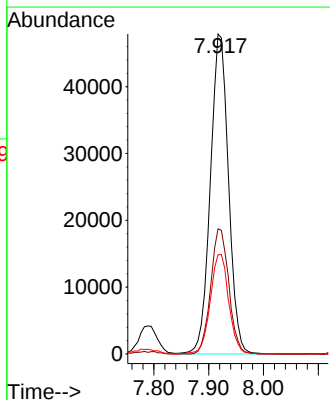
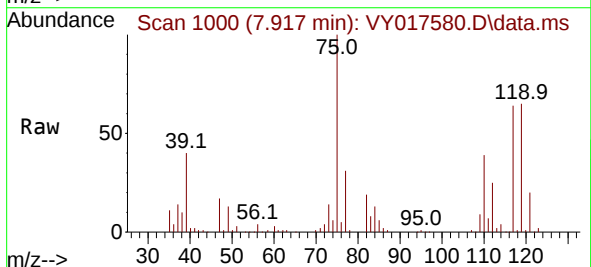
Manual Integrations
APPROVED

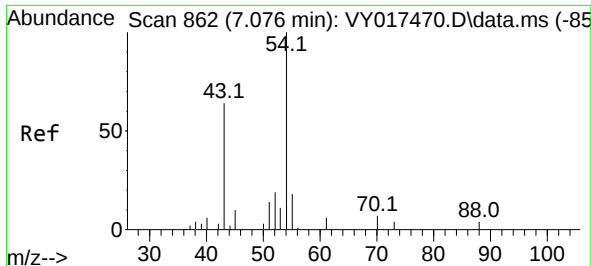
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#36
1,1-Dichloropropene
Concen: 52.203 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

Tgt Ion: 75 Resp: 109851
Ion Ratio Lower Upper
75 100
110 38.9 19.0 57.0
77 31.6 25.3 37.9





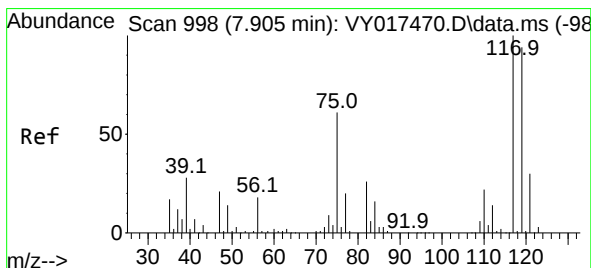
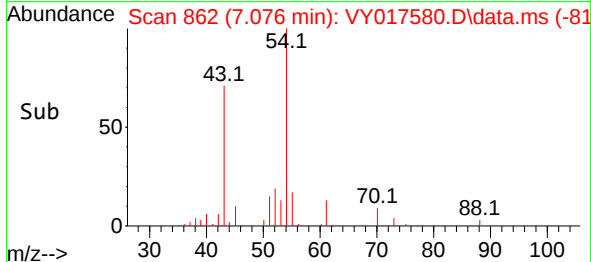
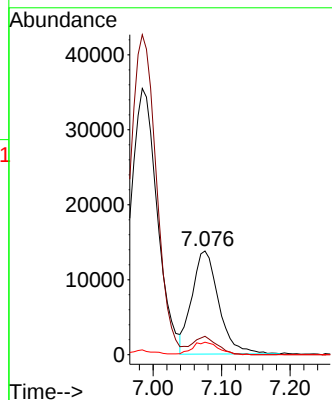
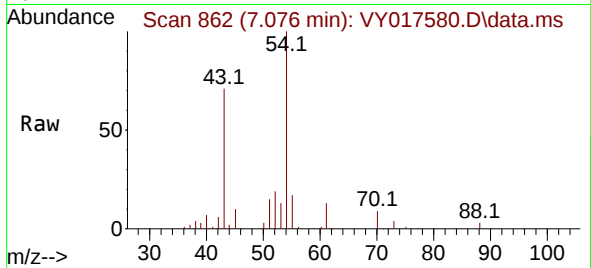
#37
Ethyl Acetate
Concen: 44.776 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 37214
Ion Ratio Lower Upper
43 100
61 15.2 12.6 19.0
70 11.9 7.8 11.8

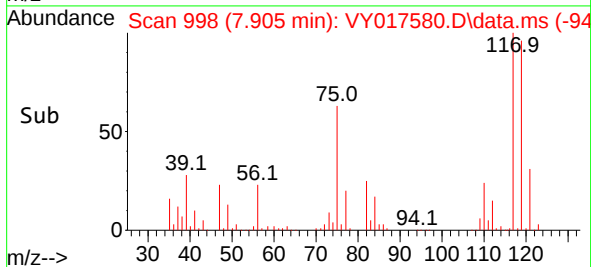
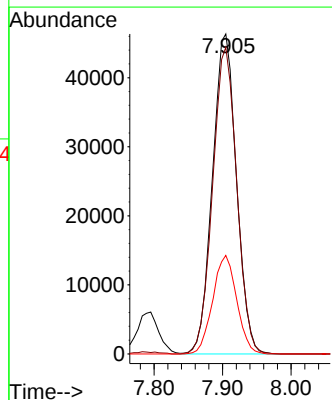
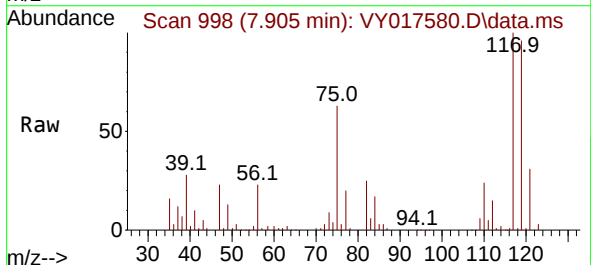
Manual Integrations
APPROVED

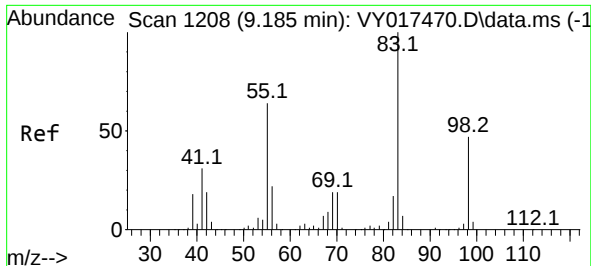
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#38
Carbon Tetrachloride
Concen: 53.426 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

Tgt Ion:117 Resp: 112675
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.6
121 30.8 24.0 36.0





#39

Methylcyclohexane

Concen: 53.440 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017580.D

Acq: 06 Mar 2024 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 13514

Ion Ratio Lower Upper

83 100

55 65.5 51.5 77.3

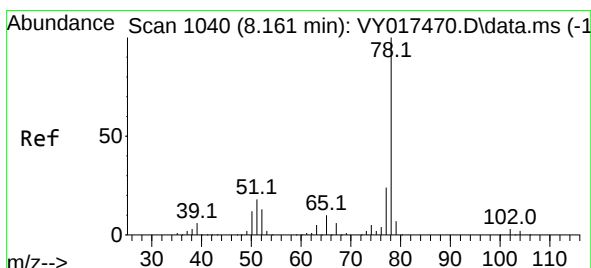
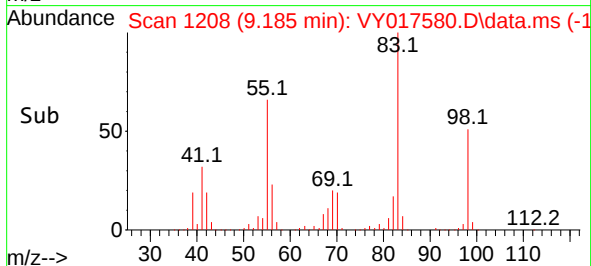
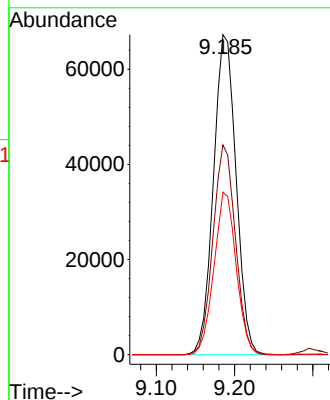
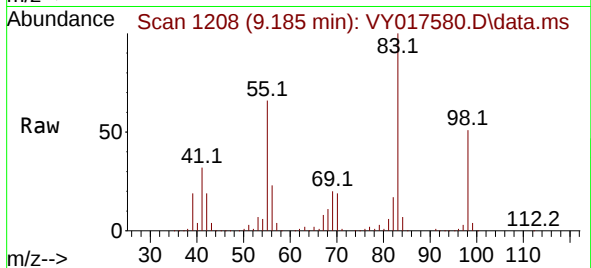
98 50.8 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#40

Benzene

Concen: 52.239 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY017580.D

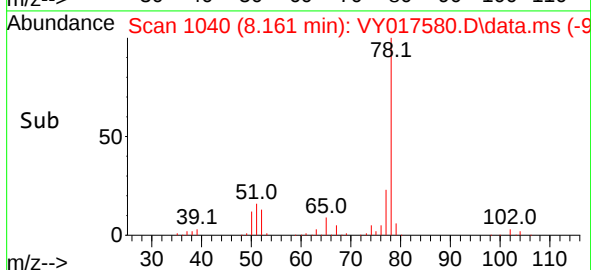
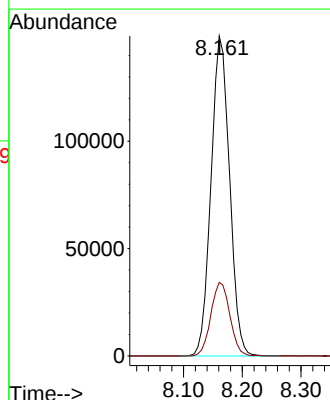
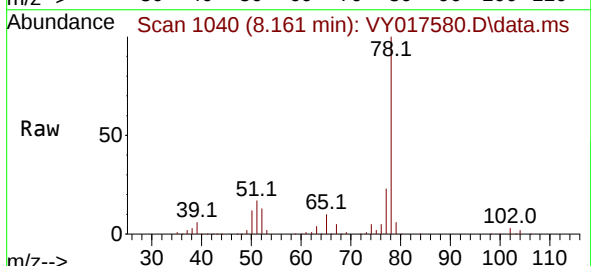
Acq: 06 Mar 2024 09:20

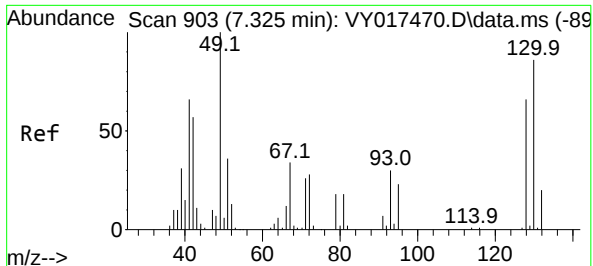
Tgt Ion: 78 Resp: 326456

Ion Ratio Lower Upper

78 100

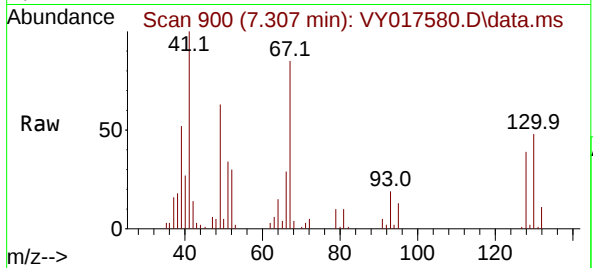
77 23.0 19.5 29.3





#41
Methacrylonitrile
Concen: 51.435 ug/l m
RT: 7.307 min Scan# 903
Delta R.T. -0.018 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

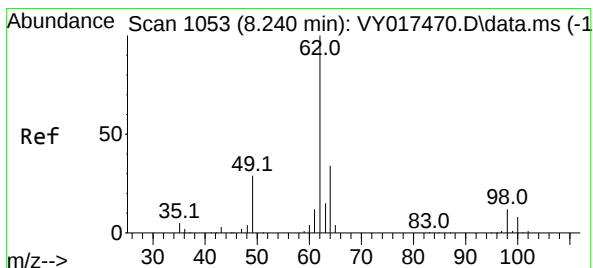
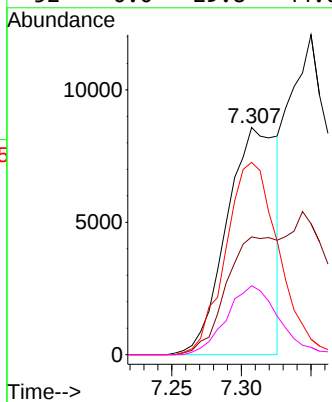
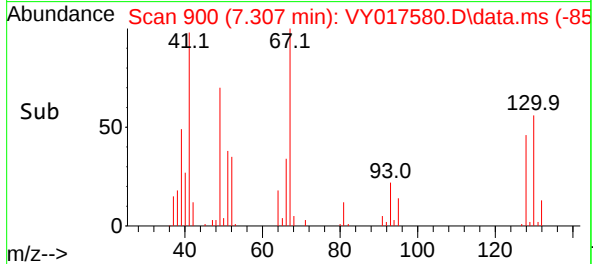
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 21452
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0
67 0.0 75.1 112.7
52 0.0 29.8 44.6

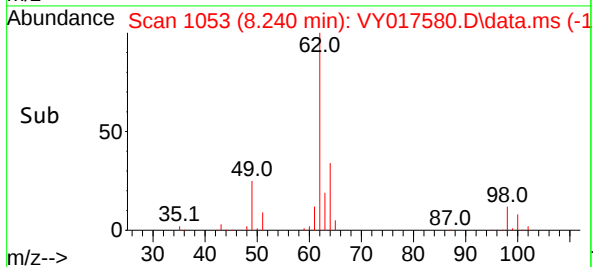
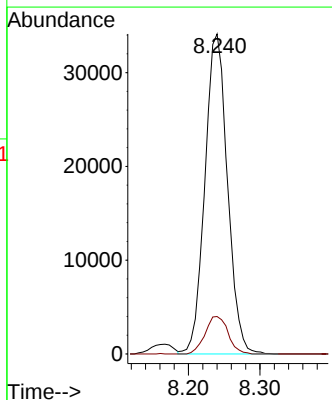
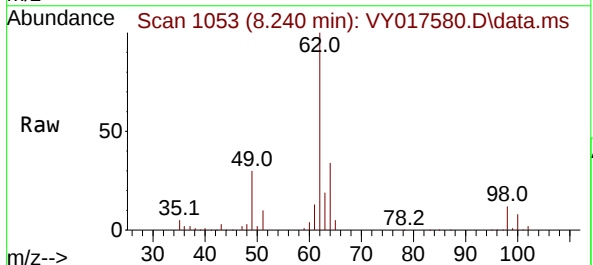
Manual Integrations
APPROVED

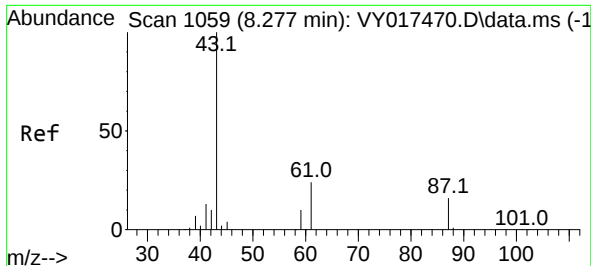
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#42
1,2-Dichloroethane
Concen: 49.024 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

Tgt Ion: 62 Resp: 74748
Ion Ratio Lower Upper
62 100
98 11.9 0.0 22.0





#43

Isopropyl Acetate

Concen: 46.930 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.000 min

Lab File: VY017580.D

Acq: 06 Mar 2024 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 6854

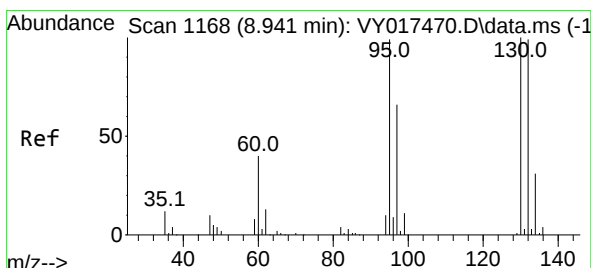
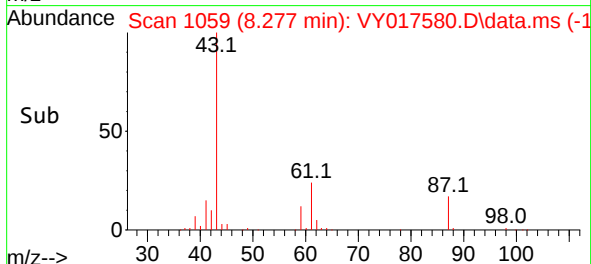
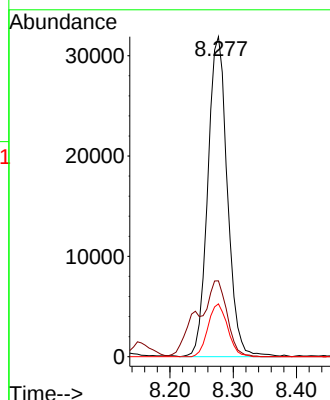
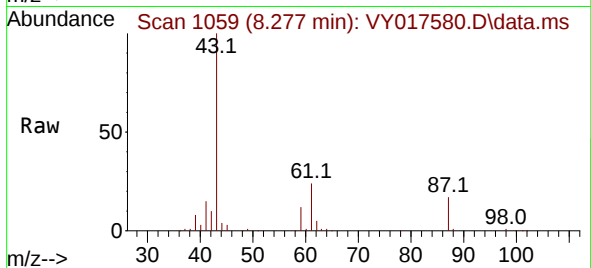
Ion	Ratio	Lower	Upper
43	100		
61	23.1	27.9	41.9
87	16.5	13.1	19.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#44

Trichloroethene

Concen: 51.039 ug/l

RT: 8.941 min Scan# 1168

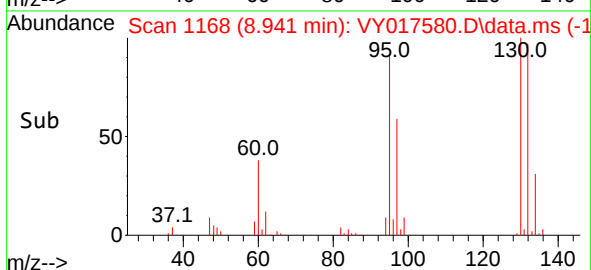
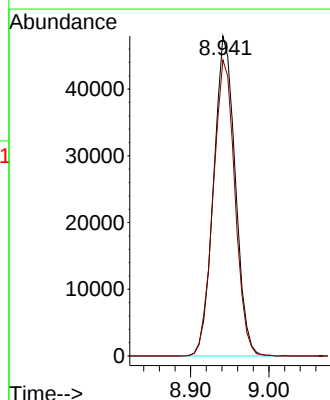
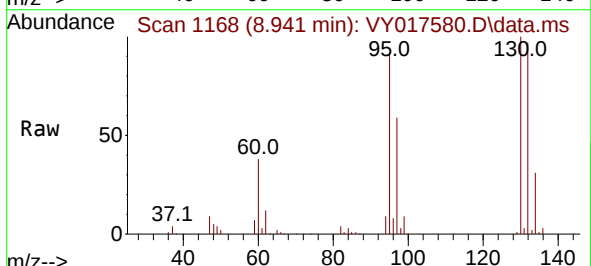
Delta R.T. 0.000 min

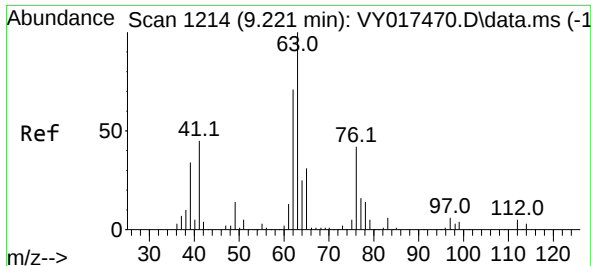
Lab File: VY017580.D

Acq: 06 Mar 2024 09:20

Tgt Ion:130 Resp: 91933

Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	188.0





#45

1,2-Dichloropropane

Concen: 51.213 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY017580.D

Acq: 06 Mar 2024 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 7614

Ion Ratio Lower Upper

63 100

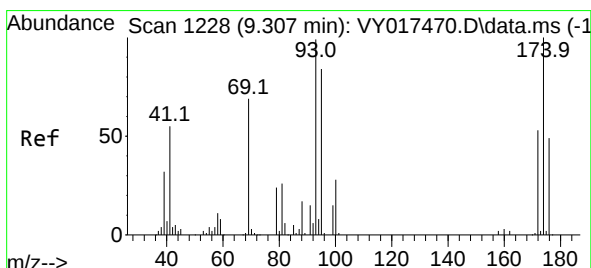
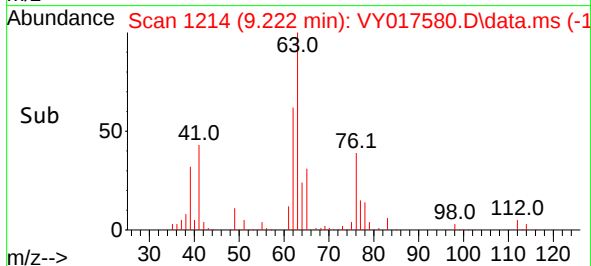
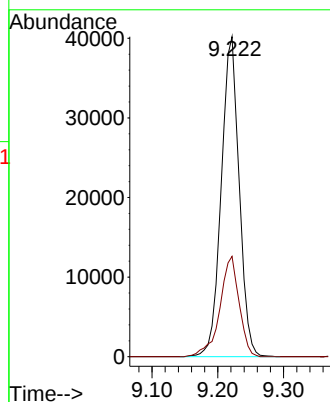
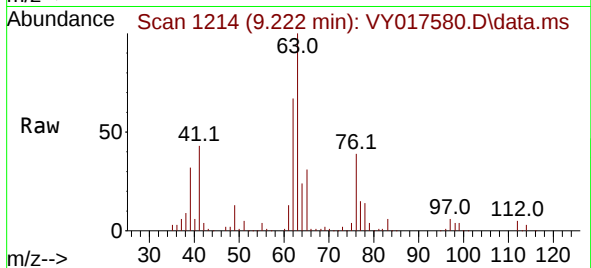
65 31.3 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#46

Dibromomethane

Concen: 49.522 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017580.D

Acq: 06 Mar 2024 09:20

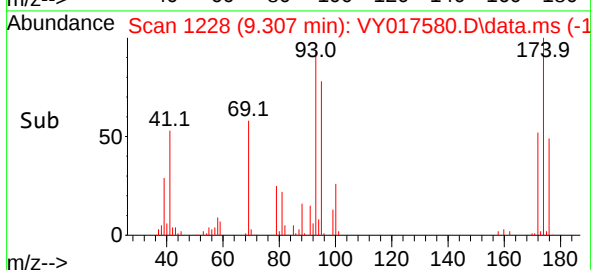
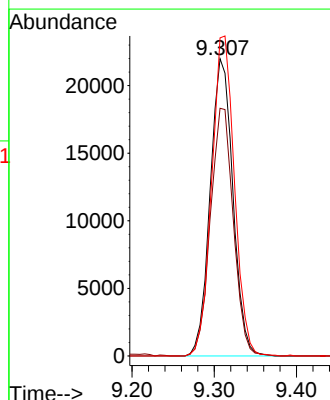
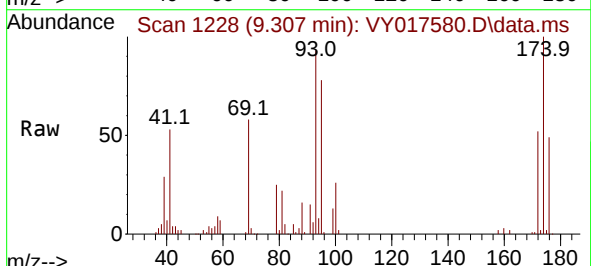
Tgt Ion: 93 Resp: 42138

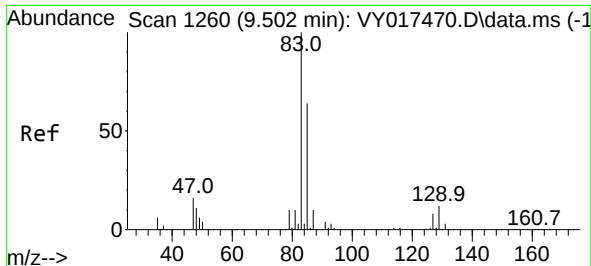
Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.4

174 107.9 80.9 121.3





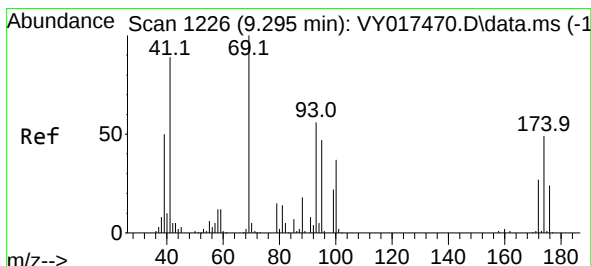
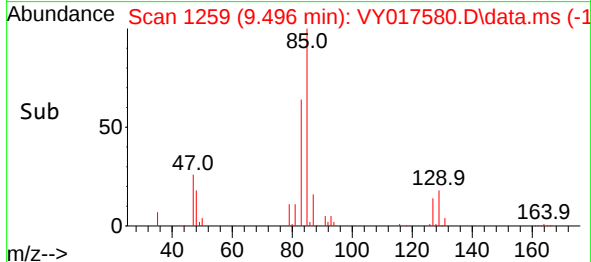
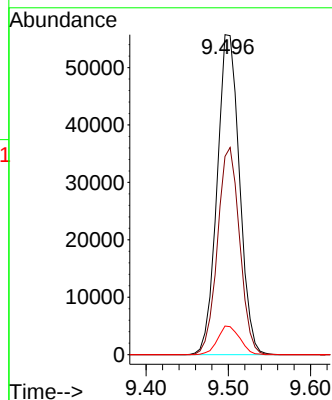
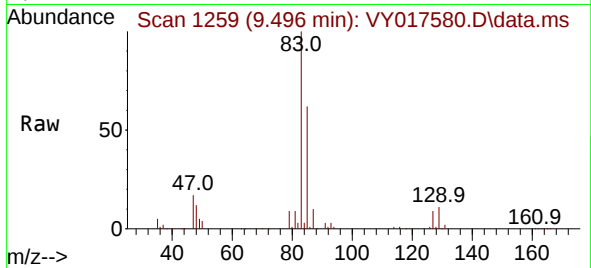
#47
Bromodichloromethane
Concen: 51.039 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 10544
Ion Ratio Lower Upper
83 100
85 62.0 50.1 75.1
127 8.9 7.4 11.0

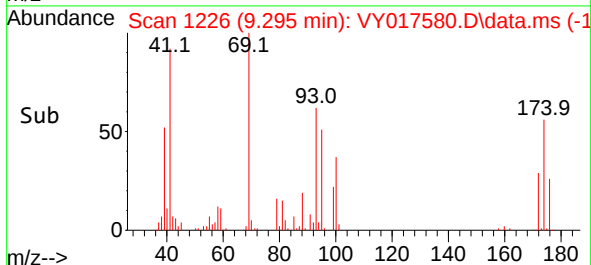
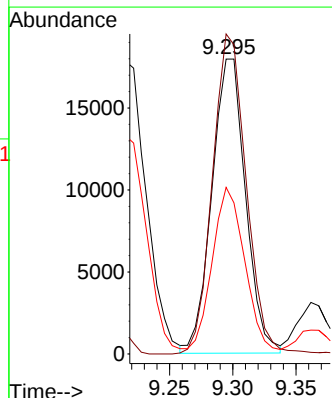
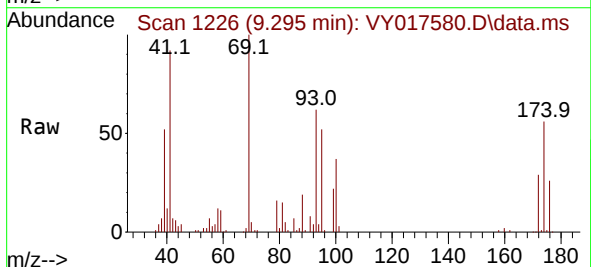
Manual Integrations
APPROVED

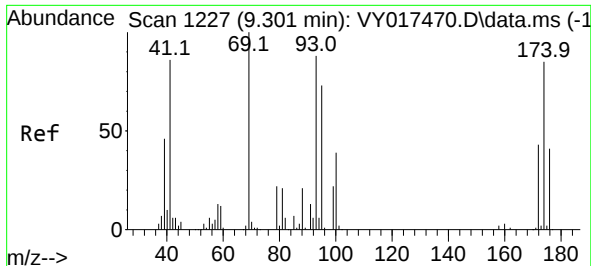
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#48
Methyl methacrylate
Concen: 49.184 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

Tgt Ion: 41 Resp: 33250
Ion Ratio Lower Upper
41 100
69 108.6 84.1 126.1
39 52.3 43.6 65.4





#49

1,4-Dioxane

Concen: 930.666 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY017580.D

Acq: 06 Mar 2024 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 8962

Ion Ratio Lower Upper

88 100

43 24.2 0.0 0.0

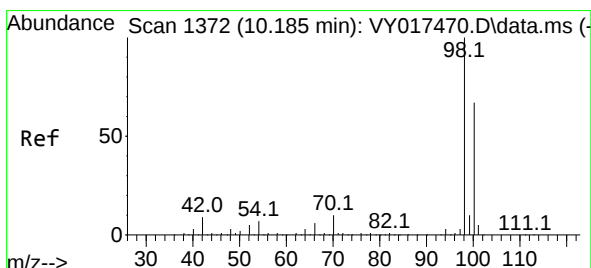
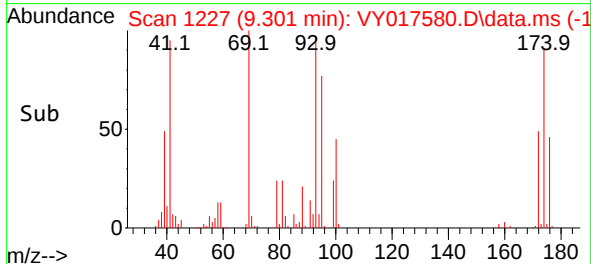
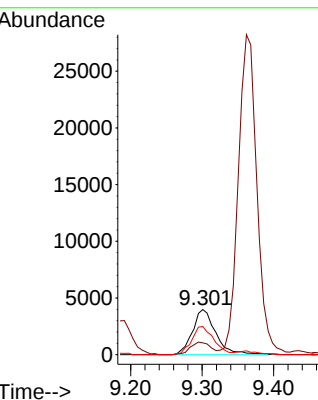
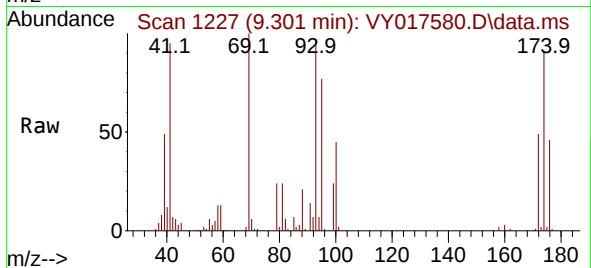
58 59.6 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#50

Toluene-d8

Concen: 54.450 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017580.D

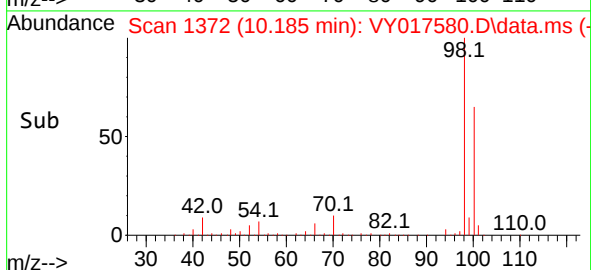
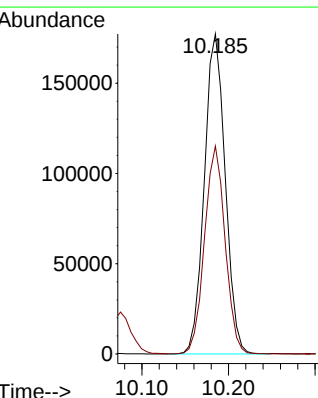
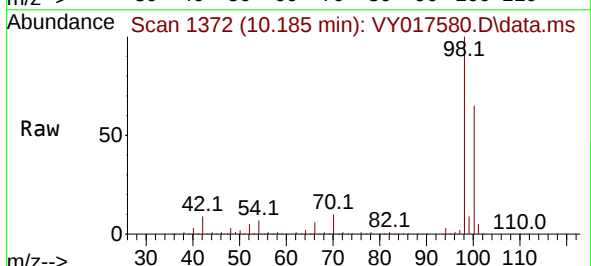
Acq: 06 Mar 2024 09:20

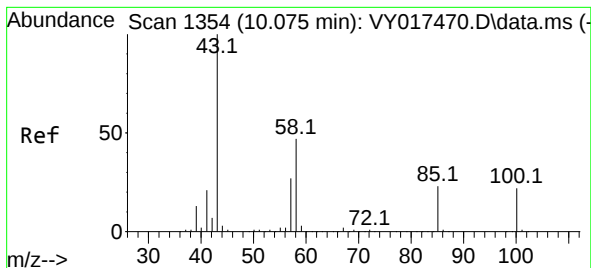
Tgt Ion: 98 Resp: 296922

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0





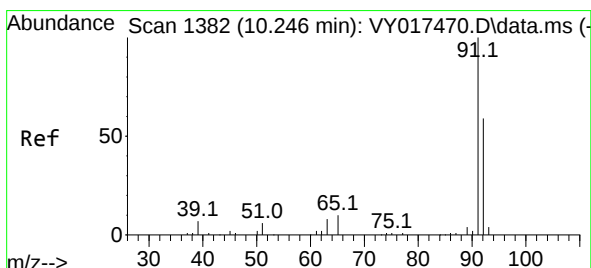
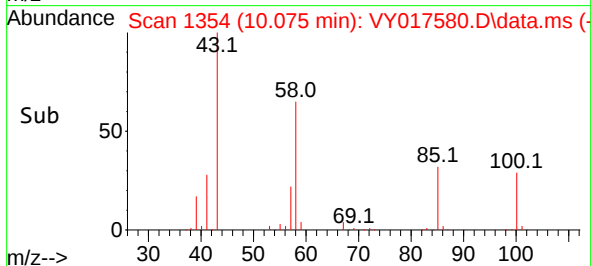
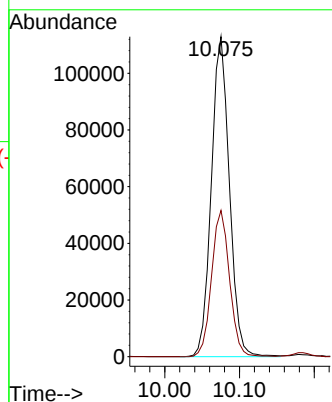
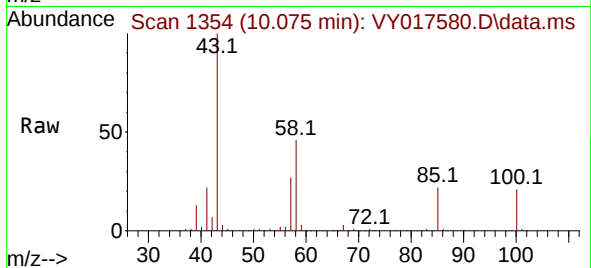
#51
4-Methyl-2-Pentanone
Concen: 232.928 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 189599
Ion Ratio Lower Upper
43 100
58 45.5 35.7 53.5

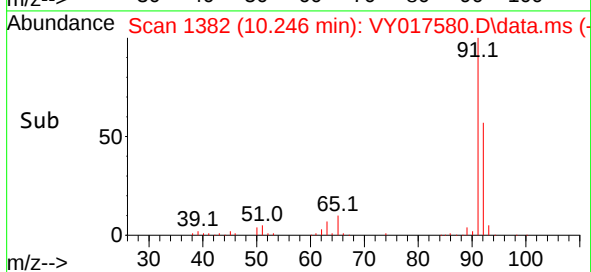
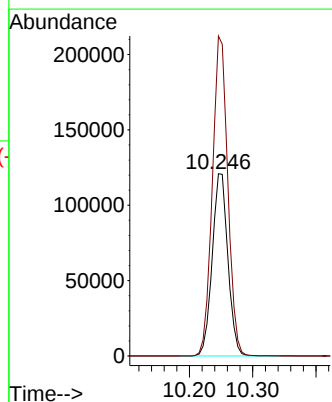
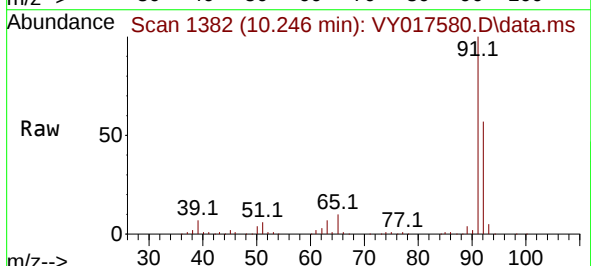
Manual Integrations
APPROVED

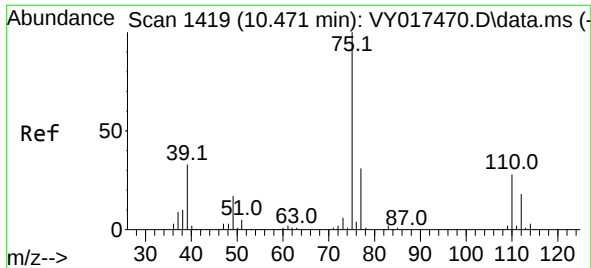
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#52
Toluene
Concen: 52.877 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

Tgt Ion: 92 Resp: 208314
Ion Ratio Lower Upper
92 100
91 173.0 139.0 208.6





#53
t-1,3-Dichloropropene
Concen: 50.056 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

Instrument :

MSVOA_Y

ClientSampleId :

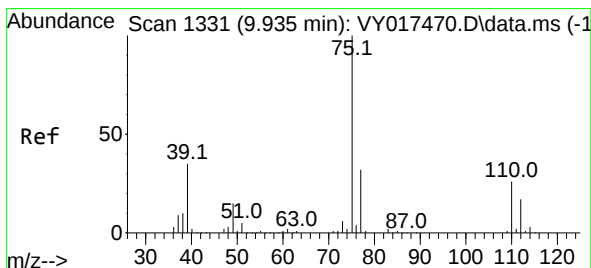
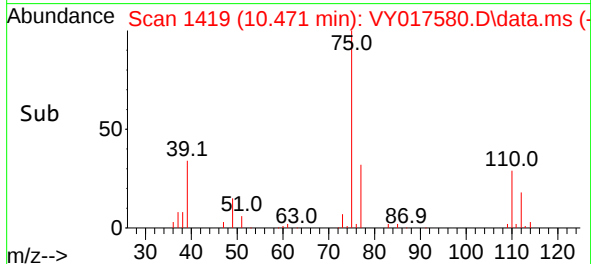
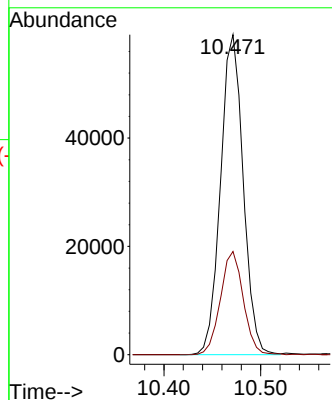
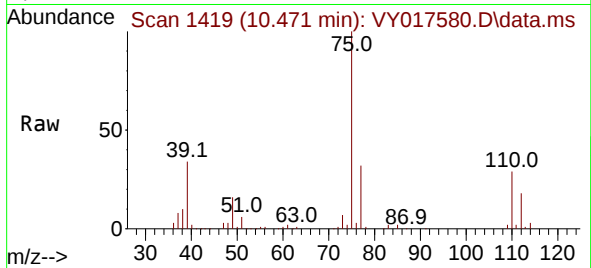
VSTDCCC050

Tgt Ion: 75 Resp: 95989
Ion Ratio Lower Upper
75 100
77 32.2 24.1 36.1

Manual Integrations

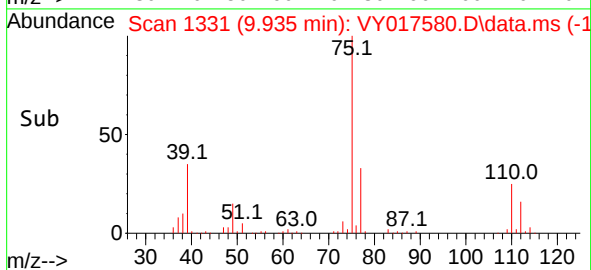
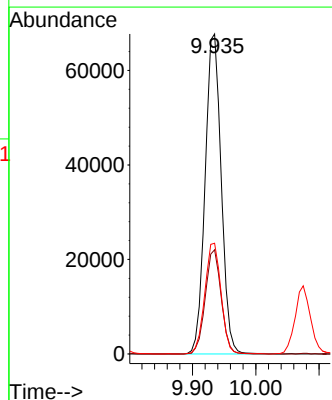
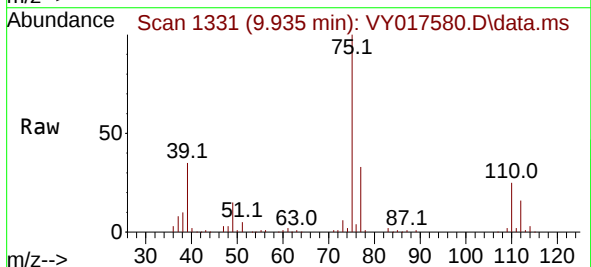
APPROVED

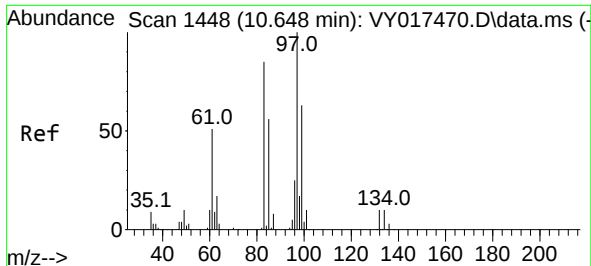
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#54
cis-1,3-Dichloropropene
Concen: 51.501 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

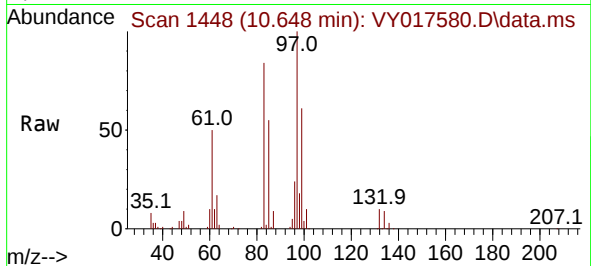
Tgt Ion: 75 Resp: 120003
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0
39 34.6 29.8 44.6





#55
1,1,2-Trichloroethane
Concen: 49.626 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

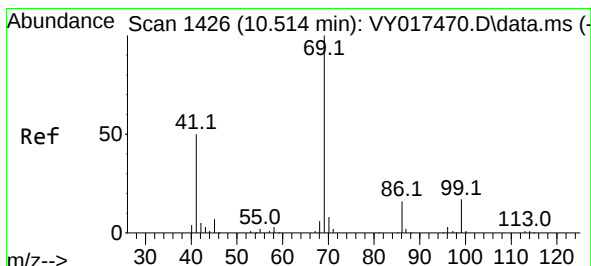
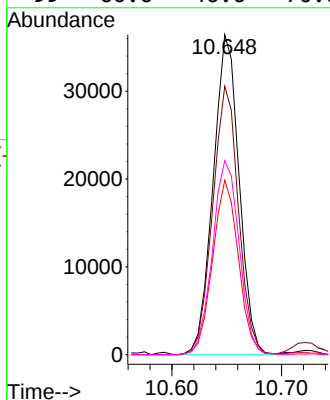
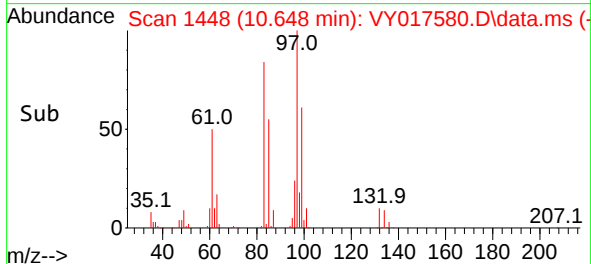
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.5	101.3
85	54.6	42.9	64.3
99	60.6	46.6	70.0

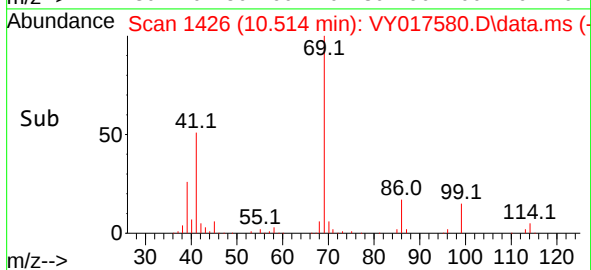
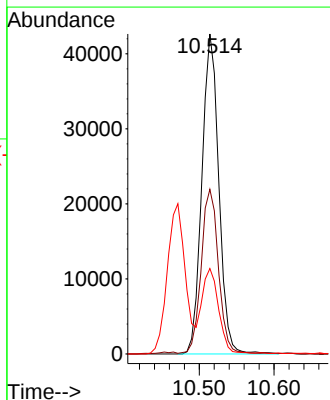
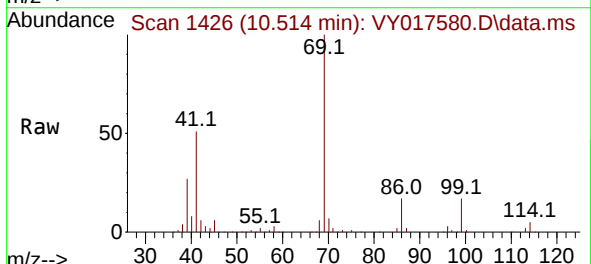
Manual Integrations
APPROVED

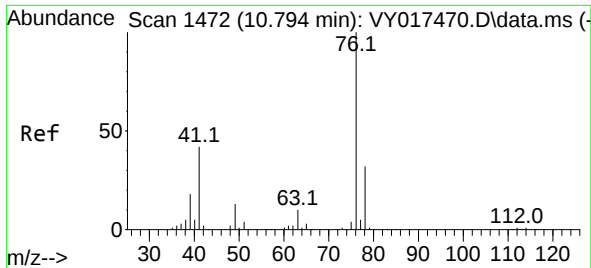
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#56
Ethyl methacrylate
Concen: 45.345 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

Tgt Ion	Ratio	Lower	Upper
69	100		
41	51.8	42.3	63.5
39	25.7	22.9	34.3





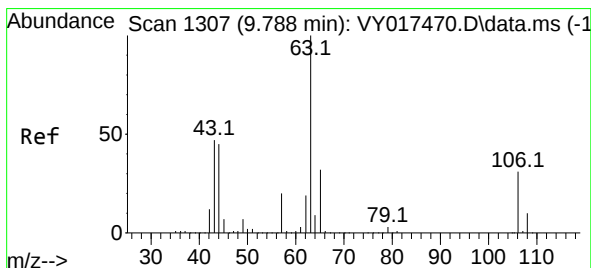
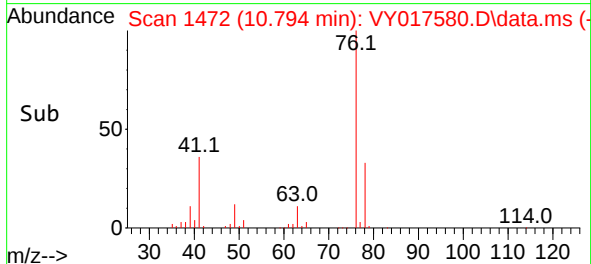
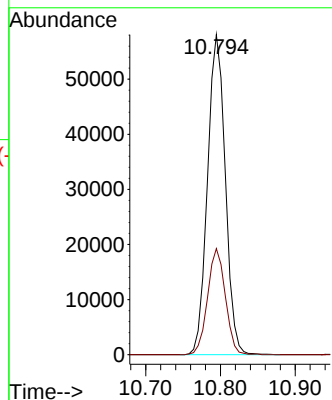
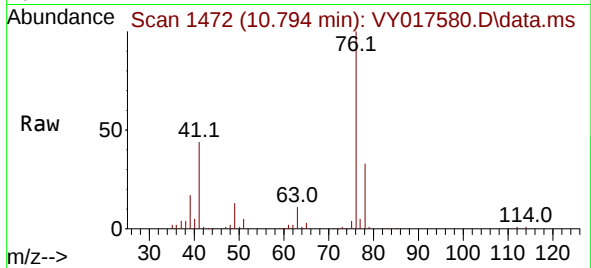
#57
1,3-Dichloropropane
Concen: 48.978 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 96204
Ion Ratio Lower Upper
76 100
78 33.0 26.2 39.4

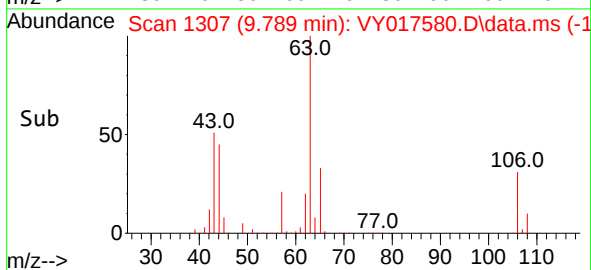
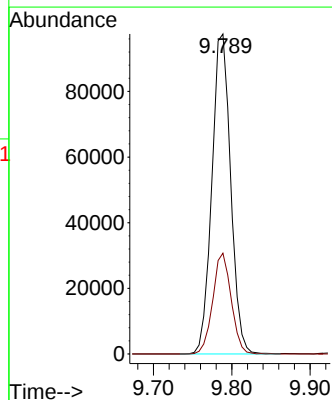
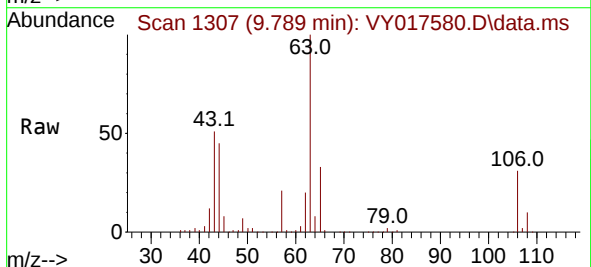
Manual Integrations
APPROVED

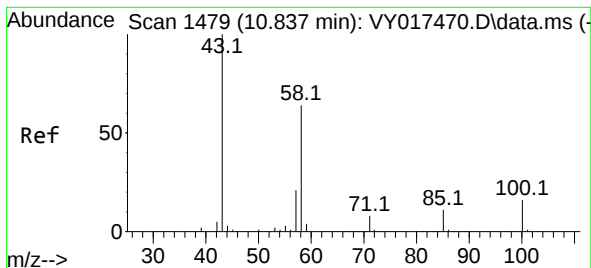
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#58
2-Chloroethyl Vinyl ether
Concen: 232.928 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

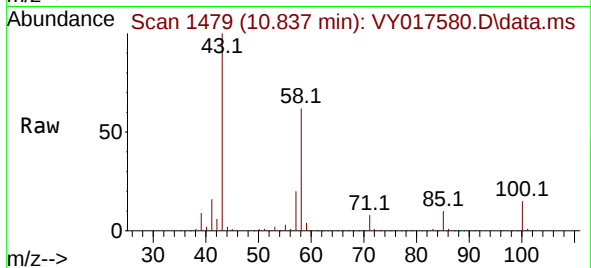
Tgt Ion: 63 Resp: 162383
Ion Ratio Lower Upper
63 100
106 30.9 23.7 35.5





#59
2-Hexanone
Concen: 259.972 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

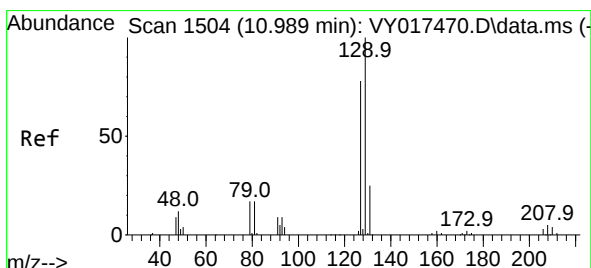
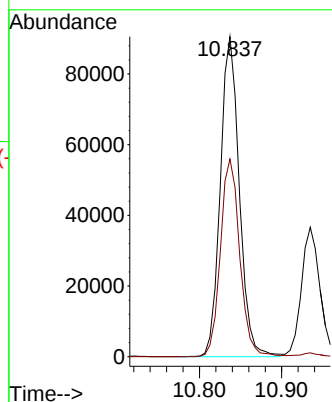
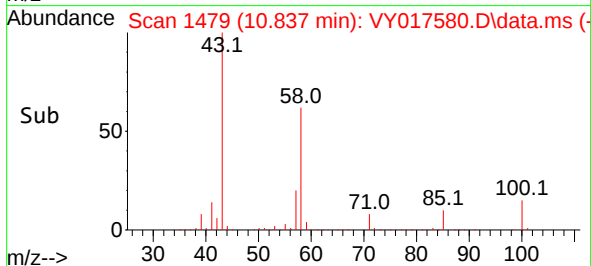
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 145352
Ion Ratio Lower Upper
43 100
58 62.9 31.4 94.0

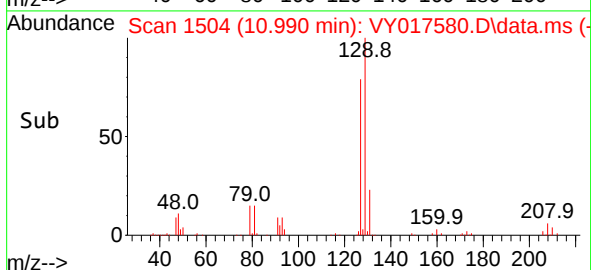
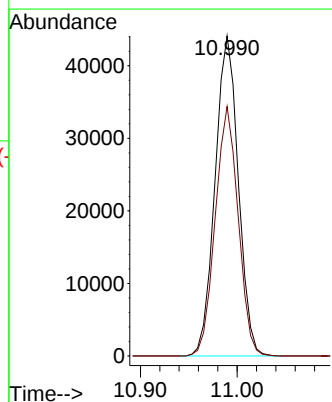
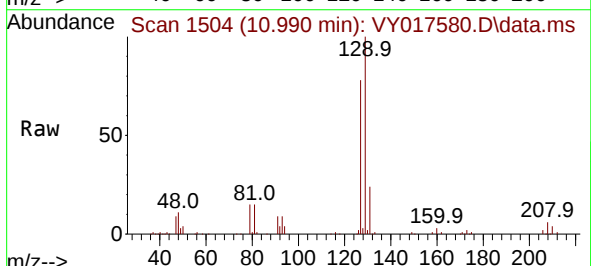
Manual Integrations
APPROVED

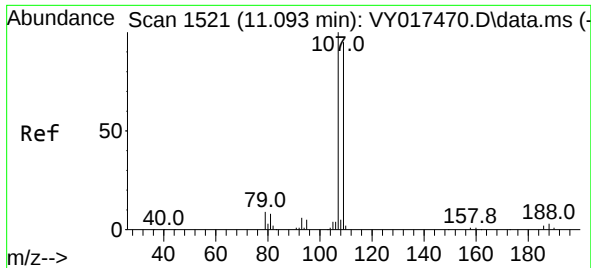
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#60
Dibromochloromethane
Concen: 51.432 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

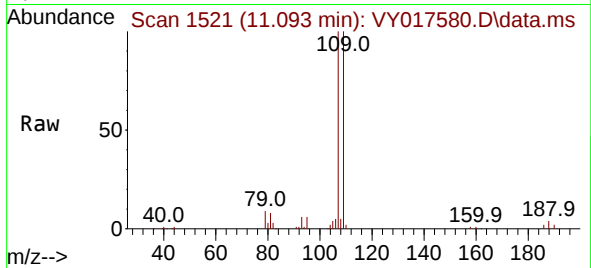
Tgt Ion:129 Resp: 73507
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0





#61
1,2-Dibromoethane
Concen: 49.510 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

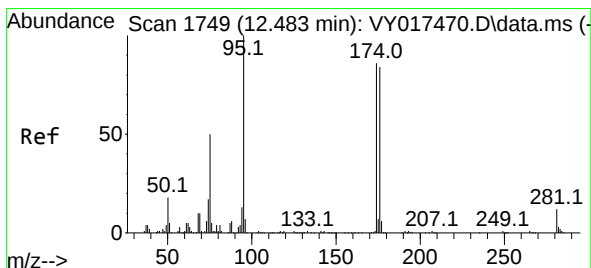
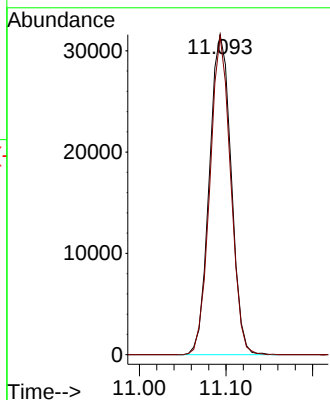
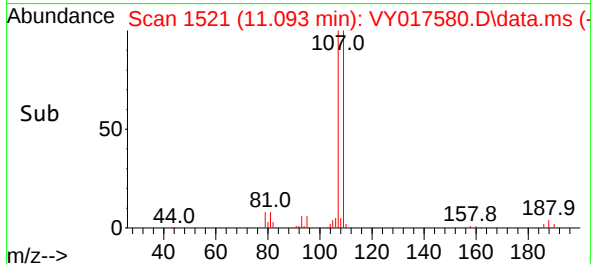
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



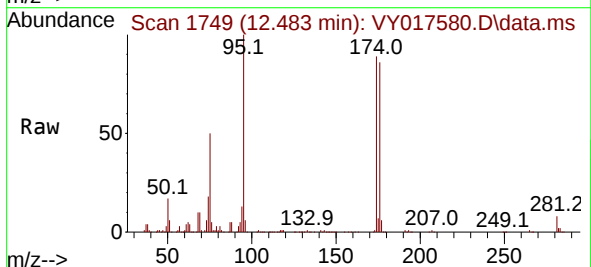
Tgt Ion:107 Resp: 5512
Ion Ratio Lower Upper
107 100
109 94.7 75.9 113.9

Manual Integrations
APPROVED

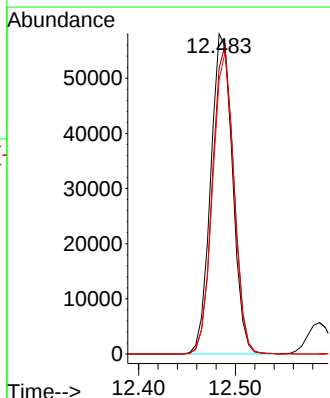
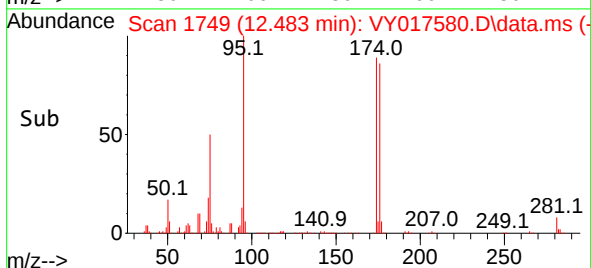
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

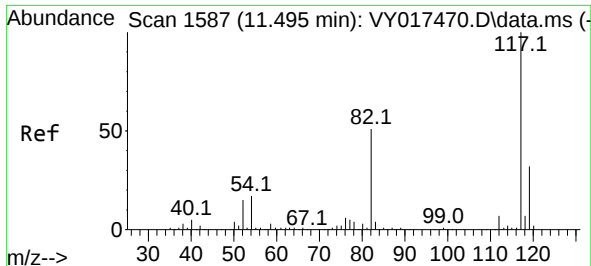


#62
4-Bromofluorobenzene
Concen: 53.124 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20



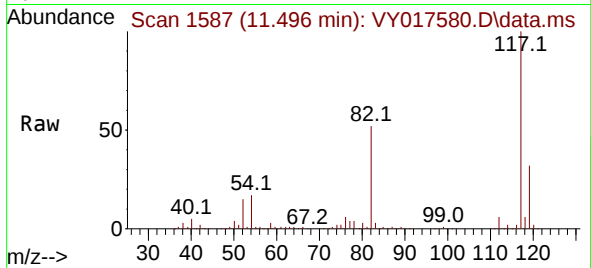
Tgt Ion: 95 Resp: 91042
Ion Ratio Lower Upper
95 100
174 94.8 0.0 175.6
176 91.9 0.0 171.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

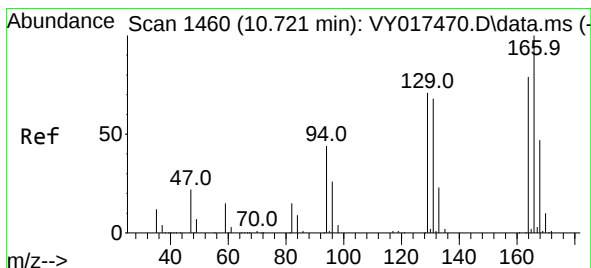
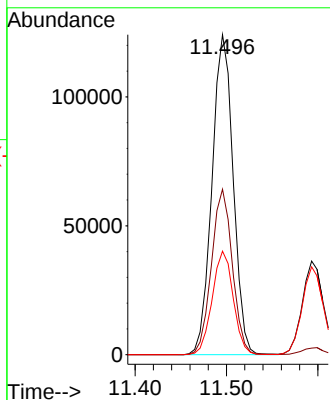
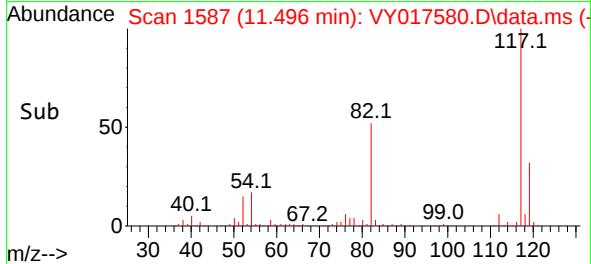
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



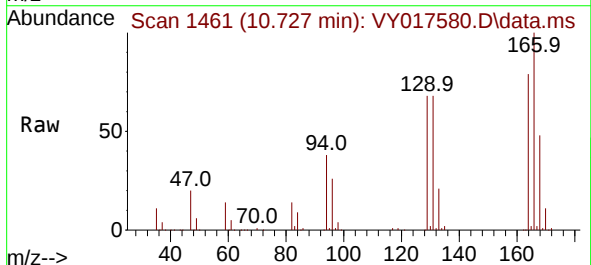
Tgt Ion:117 Resp: 19977
Ion Ratio Lower Upper
117 100
82 51.7 42.4 63.6
119 32.4 25.9 38.9

Manual Integrations
APPROVED

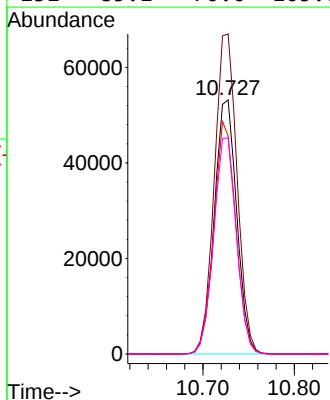
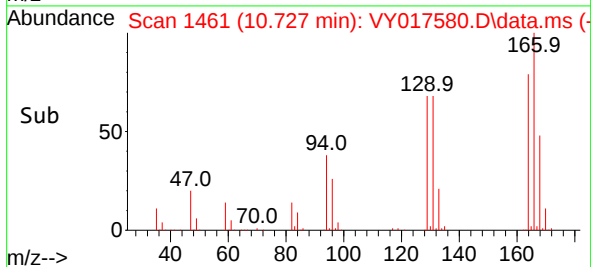
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

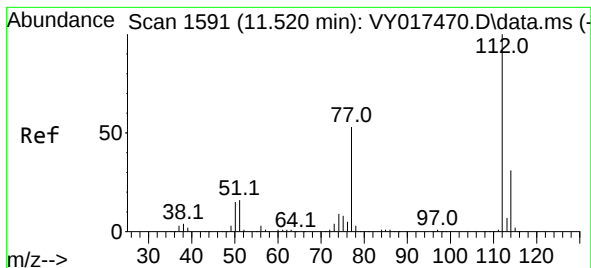


#64
Tetrachloroethene
Concen: 47.332 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20



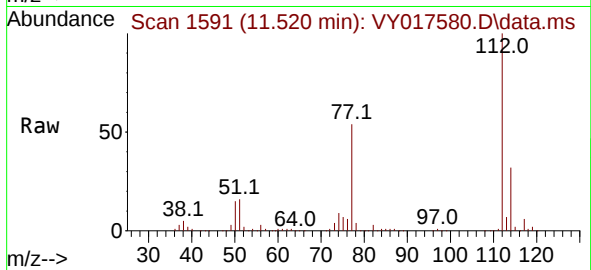
Tgt Ion:164 Resp: 90759
Ion Ratio Lower Upper
164 100
166 126.0 102.6 154.0
129 85.8 72.0 108.0
131 85.1 70.0 105.0





#65
Chlorobenzene
Concen: 51.495 ug/l
RT: 11.520 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

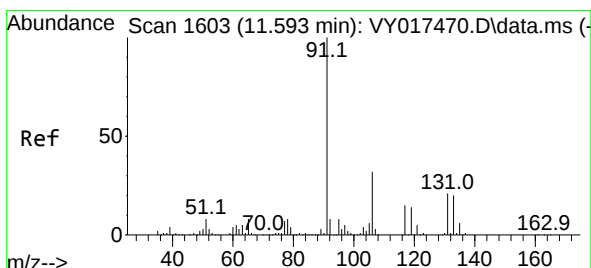
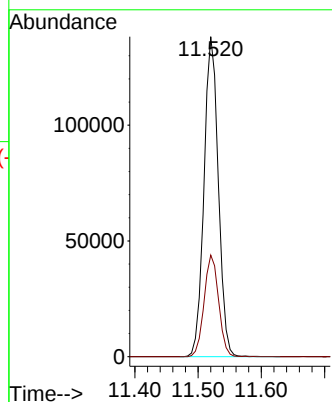
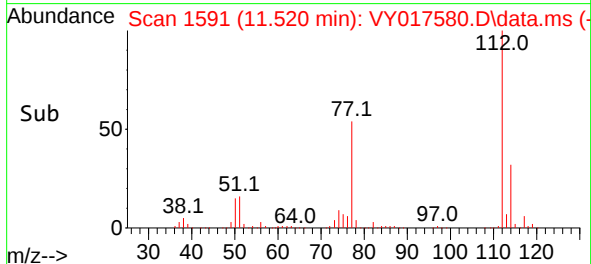
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 218359
Ion Ratio Lower Upper
112 100
114 31.7 26.4 39.6

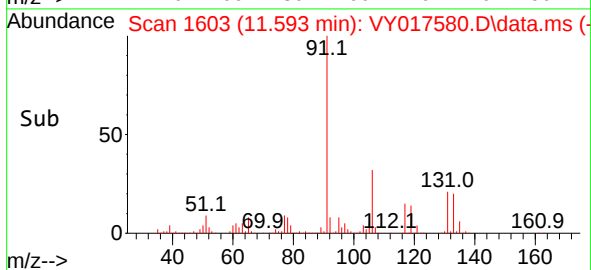
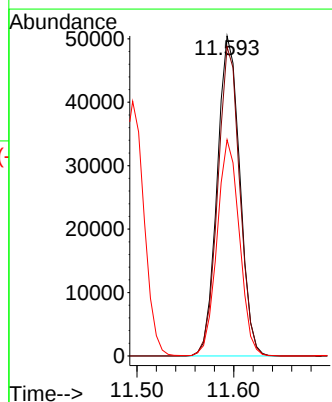
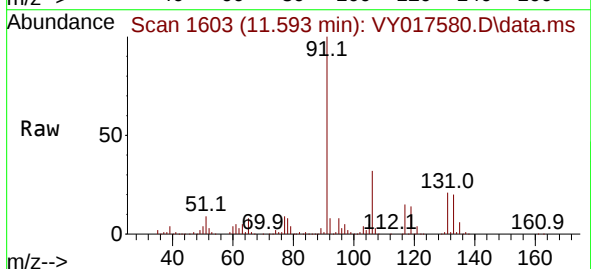
Manual Integrations
APPROVED

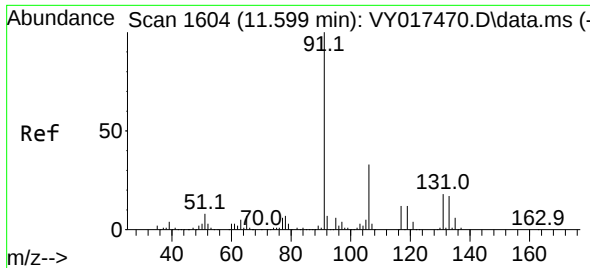
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 51.540 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

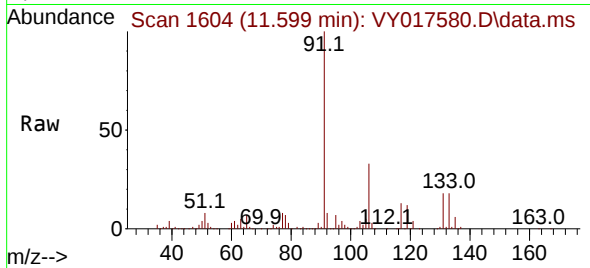
Tgt Ion:131 Resp: 81877
Ion Ratio Lower Upper
131 100
133 94.3 47.8 143.3
119 66.8 34.1 102.2





#67
Ethyl Benzene
Concen: 52.558 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

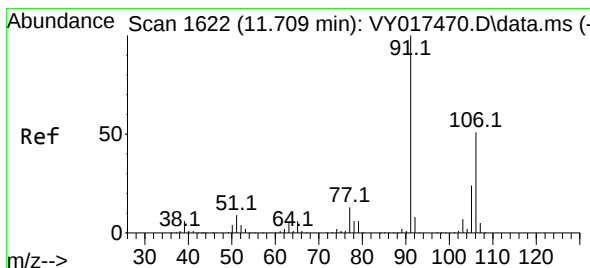
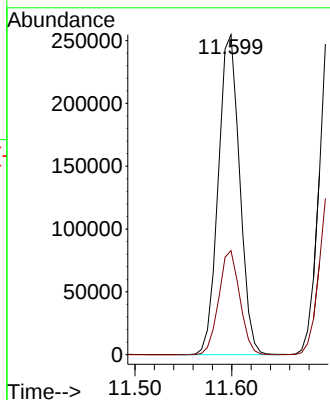
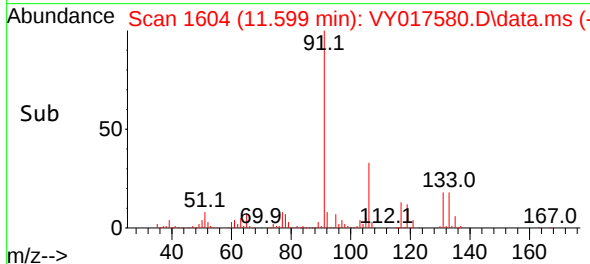
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



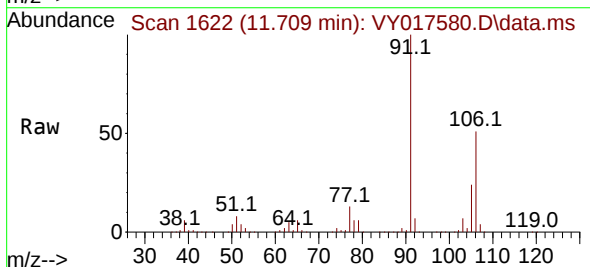
Tgt Ion: 91 Resp: 39085
Ion Ratio Lower Upper
91 100
106 32.5 24.5 36.7

Manual Integrations
APPROVED

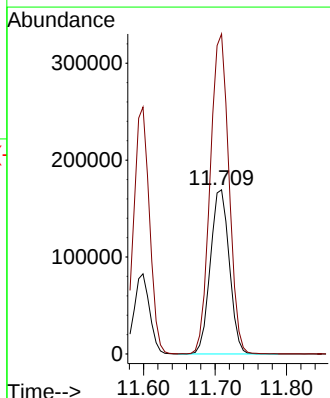
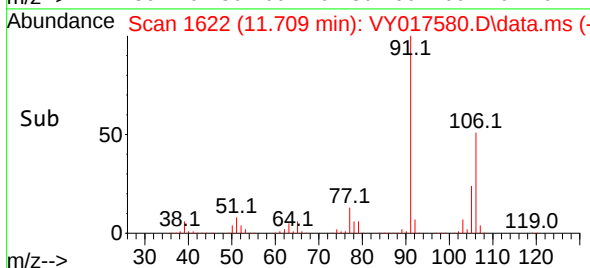
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#68
m/p-Xylenes
Concen: 106.465 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20



Tgt Ion:106 Resp: 311107
Ion Ratio Lower Upper
106 100
91 192.8 156.0 234.0





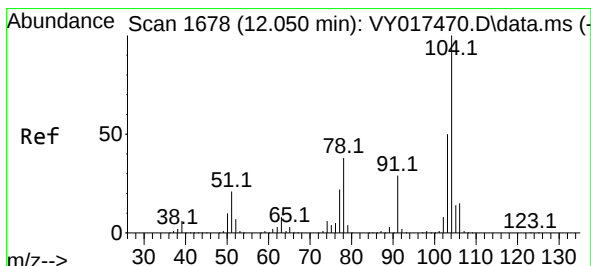
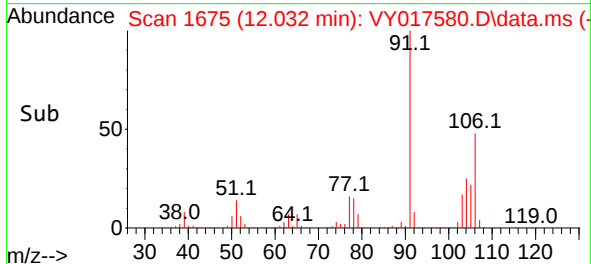
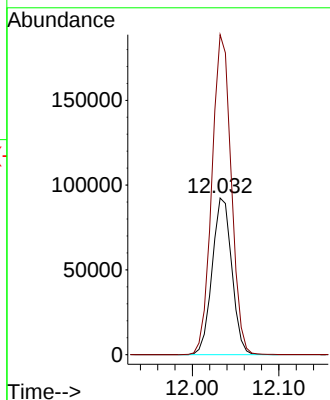
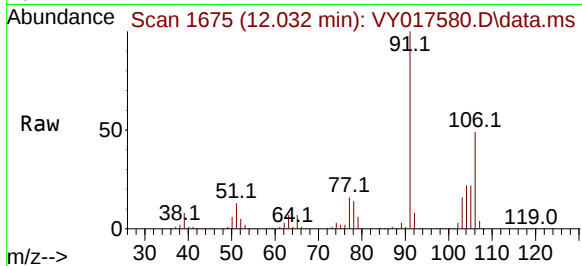
#69
o-Xylene
Concen: 53.623 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 145372
Ion Ratio Lower Upper
106 100
91 201.7 103.6 310.8

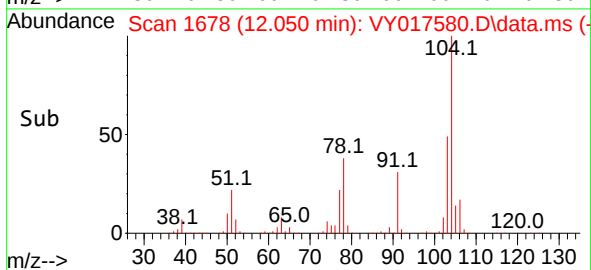
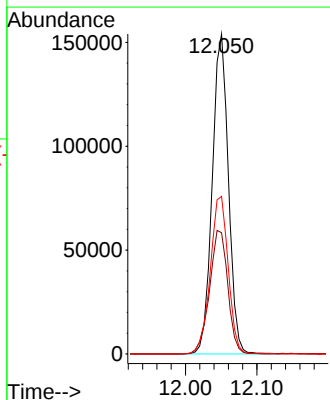
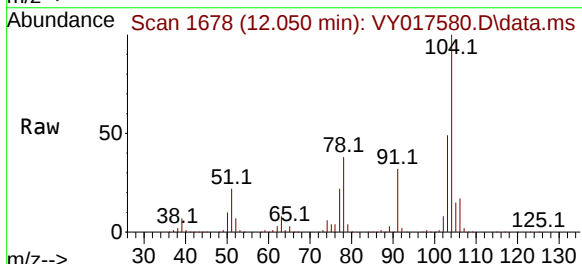
Manual Integrations
APPROVED

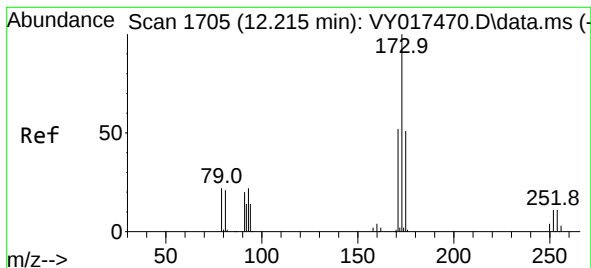
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#70
Styrene
Concen: 53.724 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

Tgt Ion:104 Resp: 241758
Ion Ratio Lower Upper
104 100
78 43.6 37.0 55.4
103 54.7 44.2 66.2





#71

Bromoform

Concen: 49.977 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY017580.D

Acq: 06 Mar 2024 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

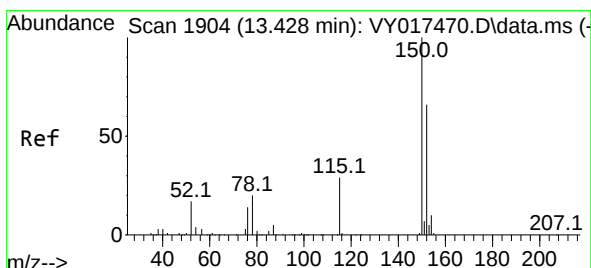
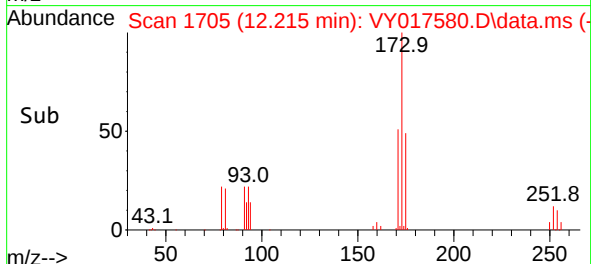
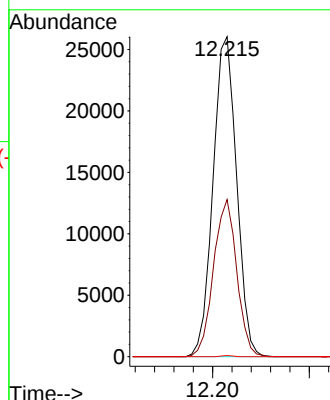
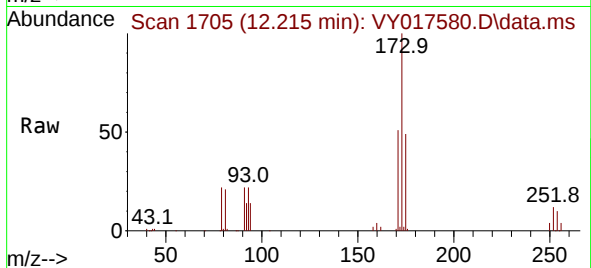
Tgt Ion:173 Resp: 43990
 Ion Ratio Lower Upper
 173 100
 175 48.4 25.1 75.3
 254 0.2 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

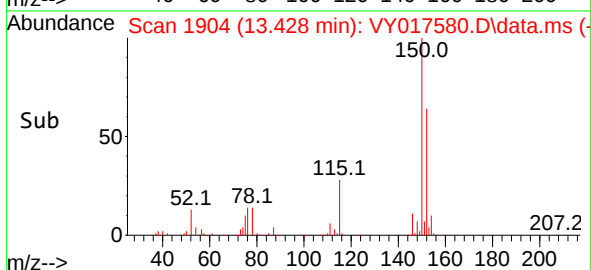
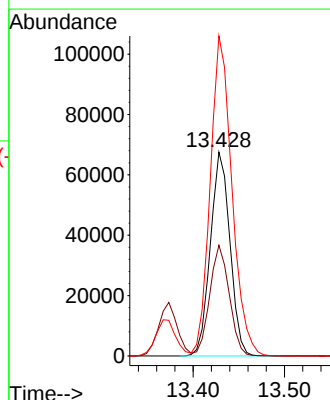
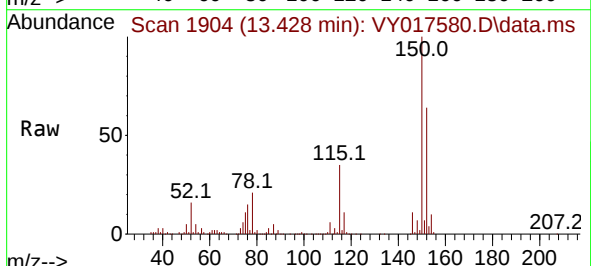
RT: 13.428 min Scan# 1904

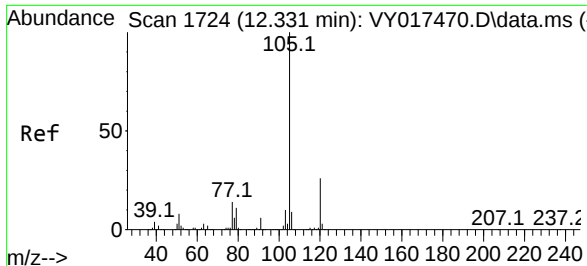
Delta R.T. 0.000 min

Lab File: VY017580.D

Acq: 06 Mar 2024 09:20

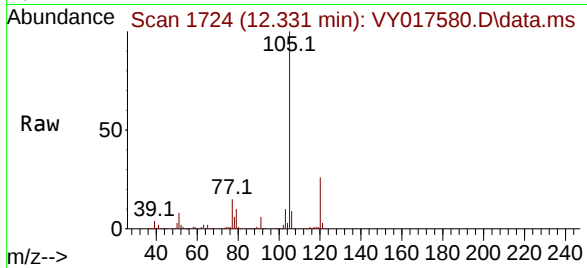
Tgt Ion:152 Resp: 100307
 Ion Ratio Lower Upper
 152 100
 115 54.3 28.2 84.7
 150 174.2 0.0 345.6





#73
Isopropylbenzene
Concen: 50.960 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

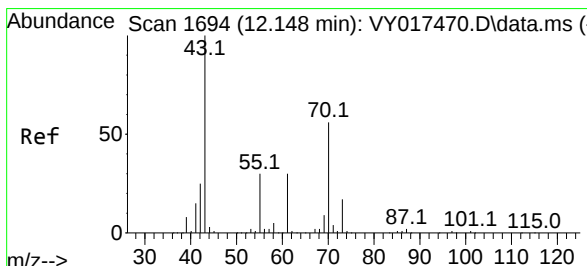
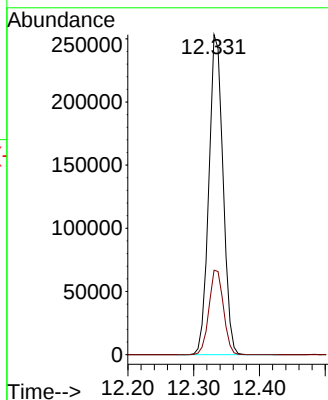
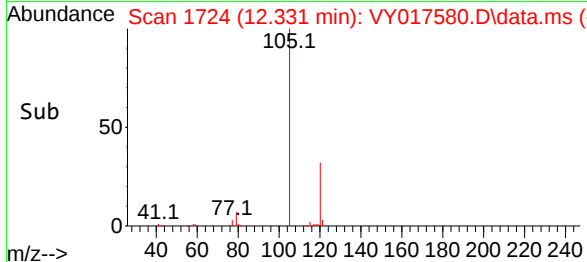
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



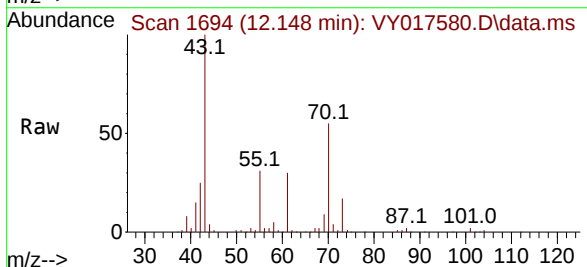
Tgt Ion:105 Resp: 379764
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.1

Manual Integrations
APPROVED

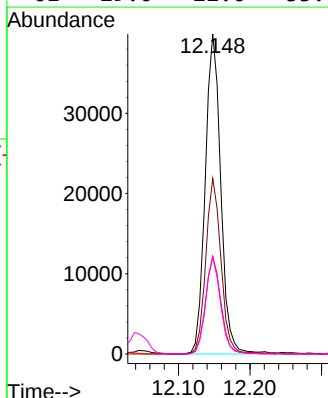
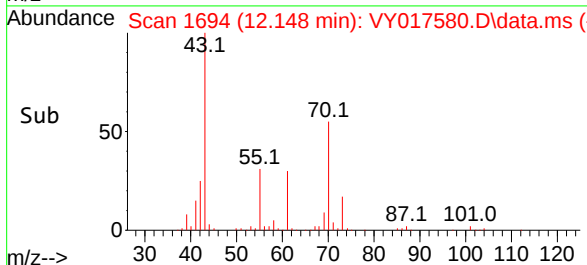
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#74
N-ethyl acetate
Concen: 45.857 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20



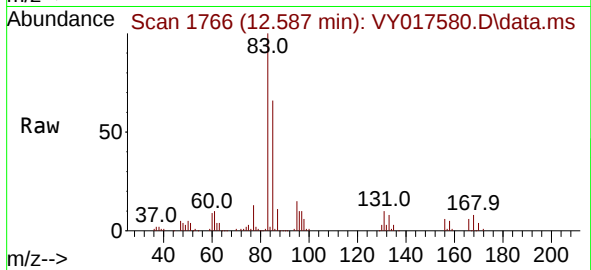
Tgt Ion: 43 Resp: 60272
Ion Ratio Lower Upper
43 100
70 53.8 41.4 62.2
55 30.4 23.3 34.9
61 29.0 22.6 33.8





#75
1,1,2,2-Tetrachloroethane
Concen: 48.381 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

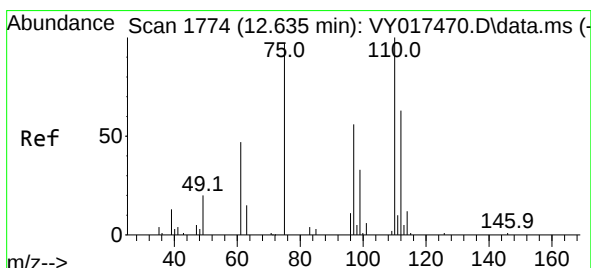
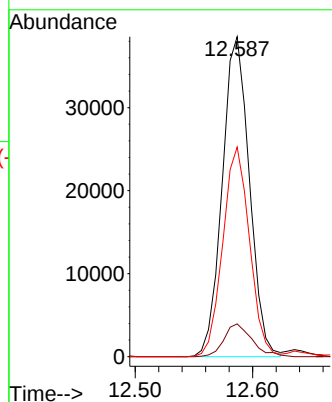
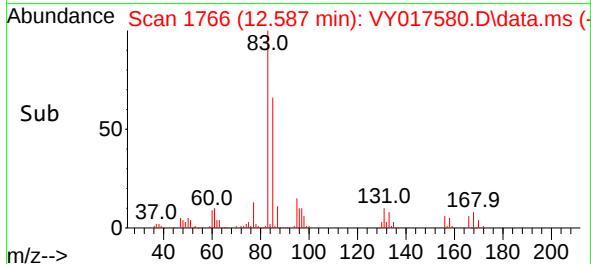
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



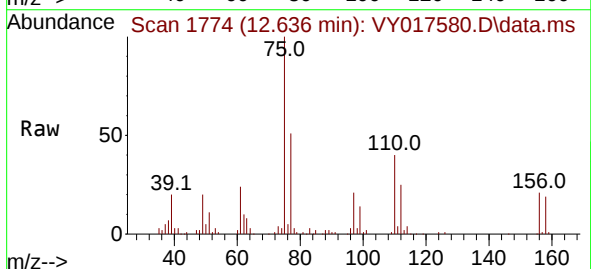
Tgt Ion: 83 Resp: 6191
Ion Ratio Lower Upper
83 100
131 10.6 5.0 14.9
85 64.4 32.0 96.0

Manual Integrations
APPROVED

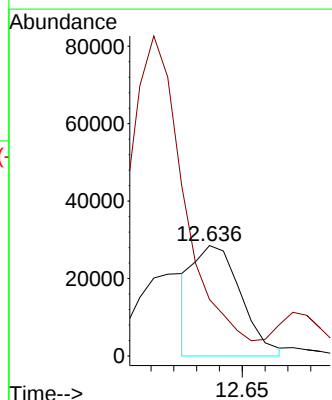
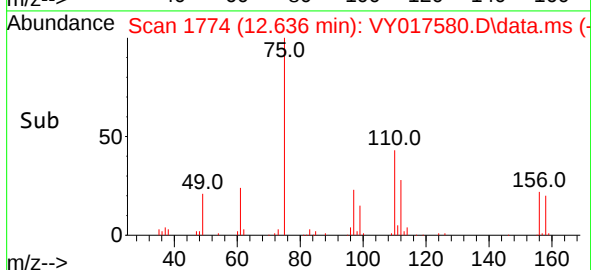
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

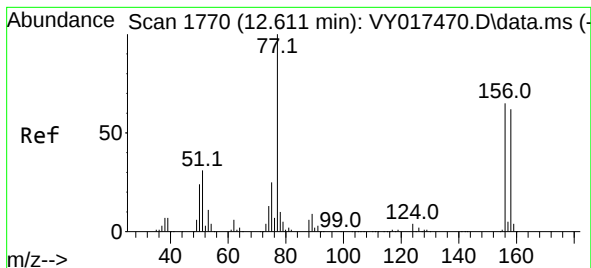


#76
1,2,3-Trichloropropane
Concen: 43.321 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20



Tgt Ion: 75 Resp: 41288
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.580 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017580.D

Acq: 06 Mar 2024 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

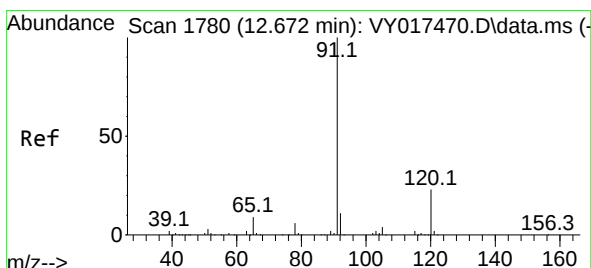
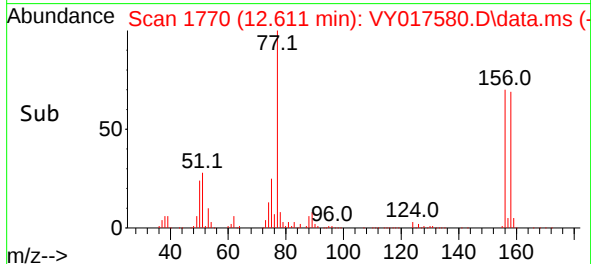
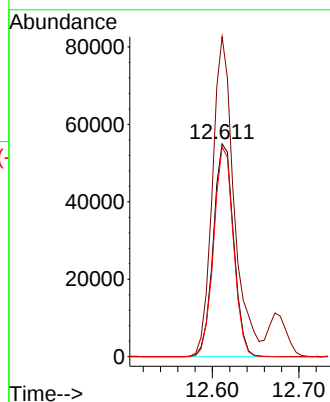
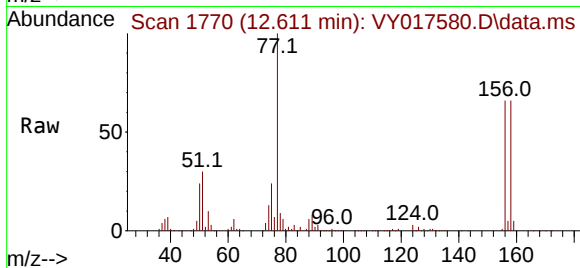
Tgt Ion:	156	Resp:	89470
Ion Ratio	Lower	Upper	
156	100		
77	159.6	87.1	261.3
158	95.8	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#78

n-propylbenzene

Concen: 50.885 ug/l

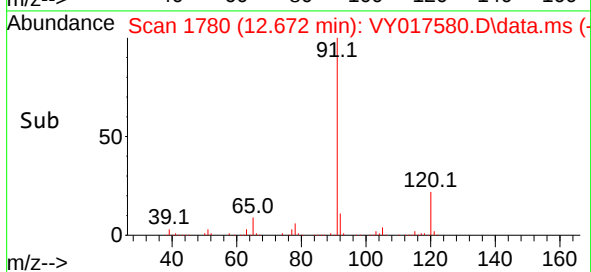
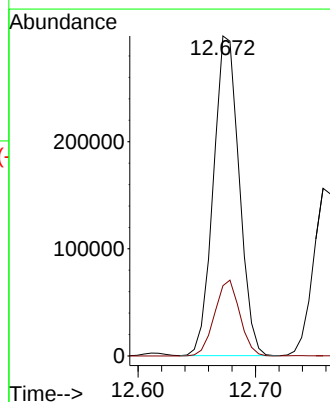
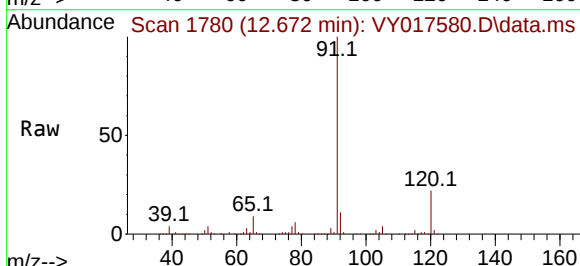
RT: 12.672 min Scan# 1780

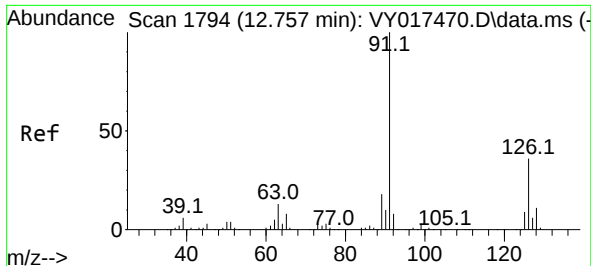
Delta R.T. 0.000 min

Lab File: VY017580.D

Acq: 06 Mar 2024 09:20

Tgt Ion:	91	Resp:	455007
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4





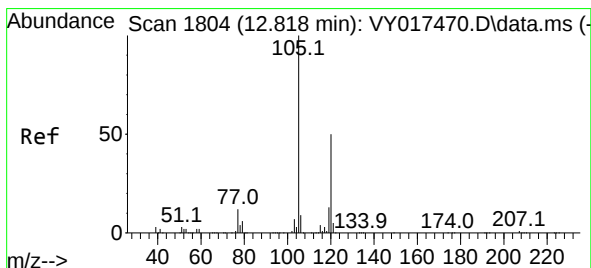
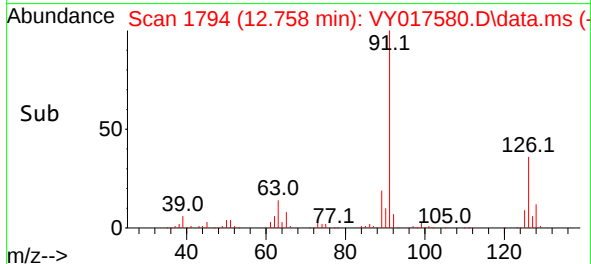
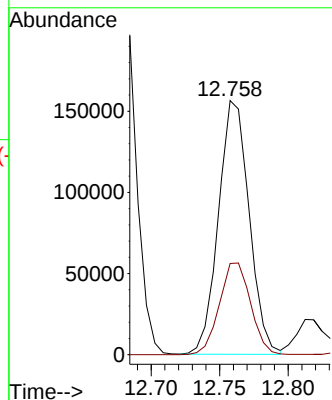
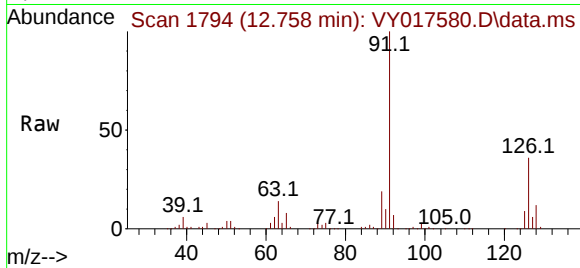
#79
2-Chlorotoluene
Concen: 48.736 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 243990
Ion Ratio Lower Upper
91 100
126 36.8 17.8 53.5

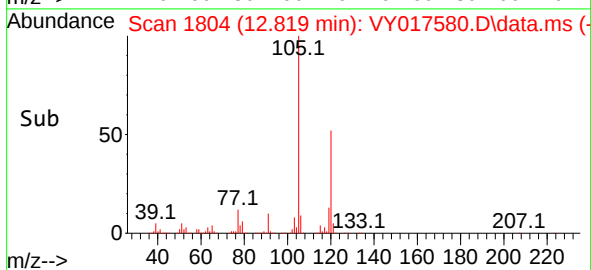
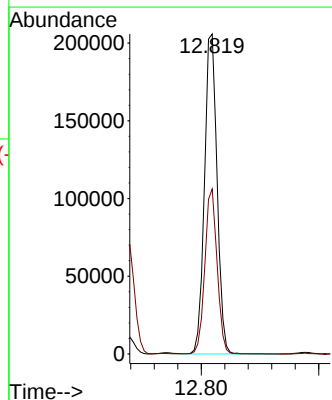
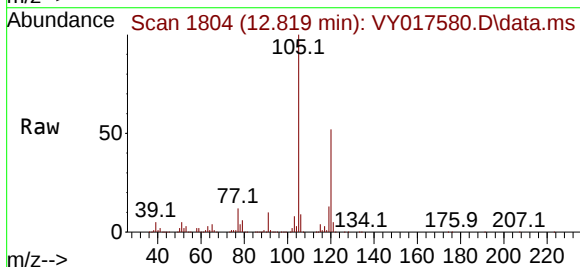
Manual Integrations
APPROVED

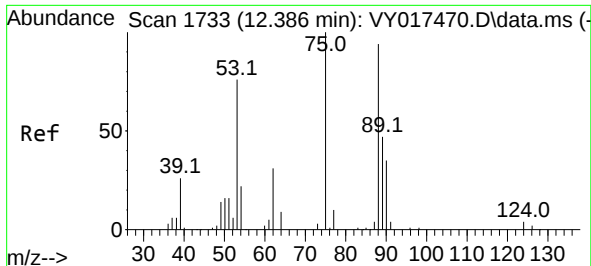
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.393 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

Tgt Ion:105 Resp: 306836
Ion Ratio Lower Upper
105 100
120 50.2 25.1 75.2





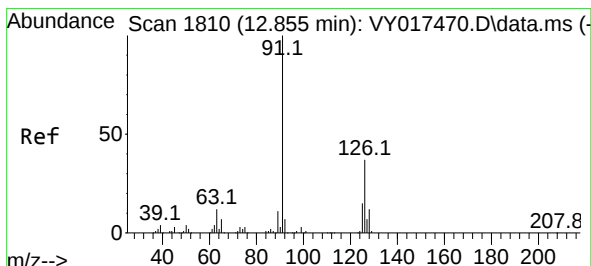
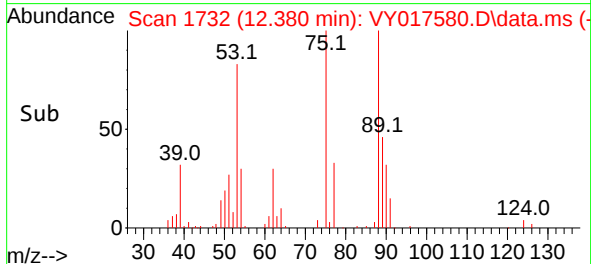
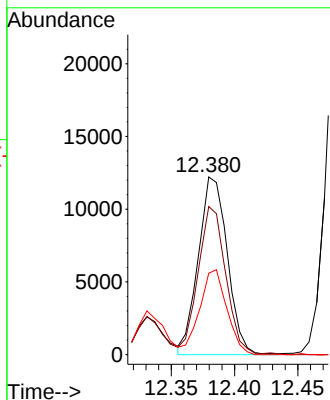
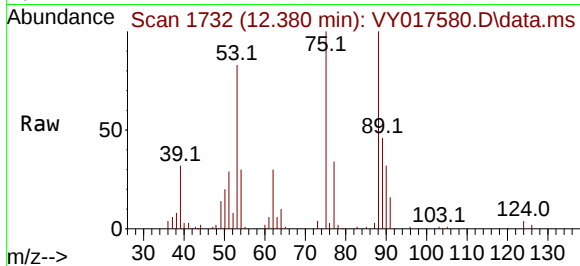
#81
trans-1,4-Dichloro-2-butene
Concen: 47.105 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 19538
Ion Ratio Lower Upper
75 100
53 79.6 66.8 100.2
89 45.1 35.8 53.6

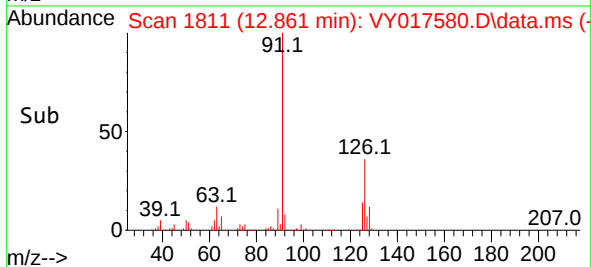
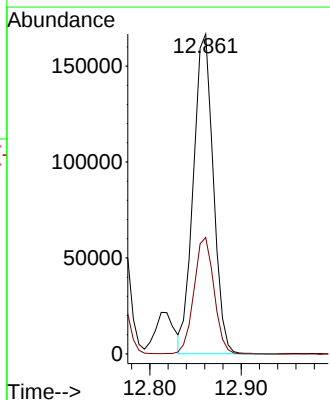
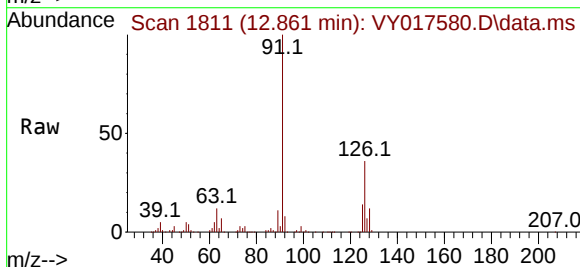
Manual Integrations
APPROVED

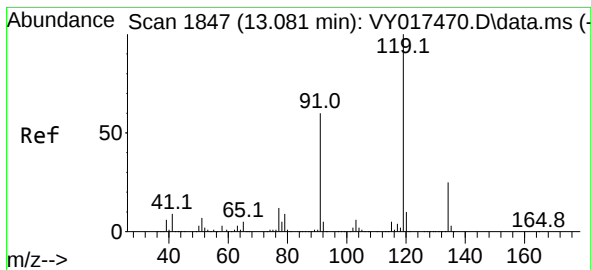
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#82
4-Chlorotoluene
Concen: 49.310 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

Tgt Ion: 91 Resp: 252497
Ion Ratio Lower Upper
91 100
126 36.7 17.6 52.9





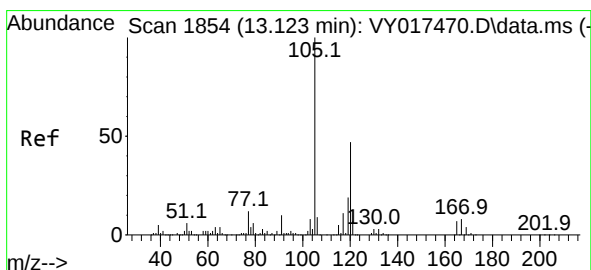
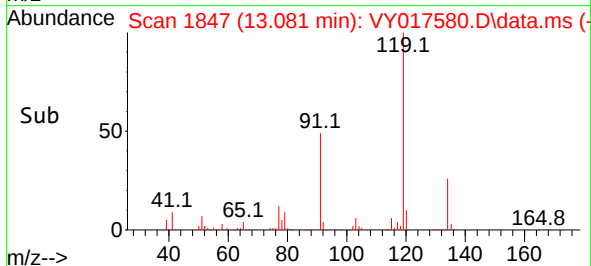
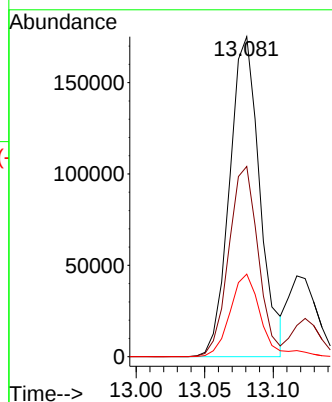
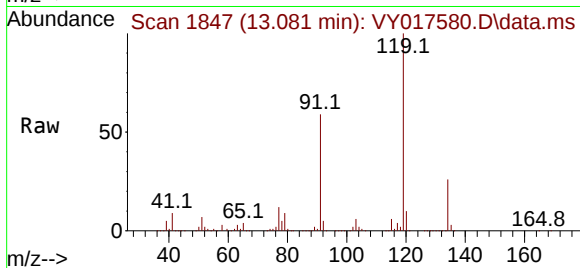
#83
tert-Butylbenzene
Concen: 51.351 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 269220
Ion Ratio Lower Upper
119 100
91 58.1 31.3 93.8
134 26.5 13.4 40.1

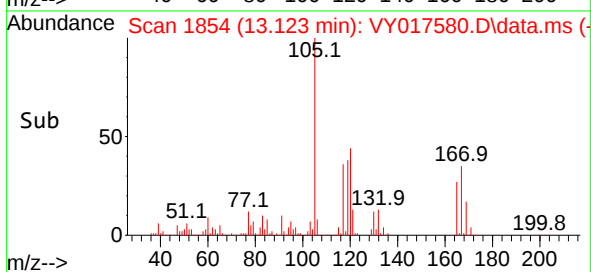
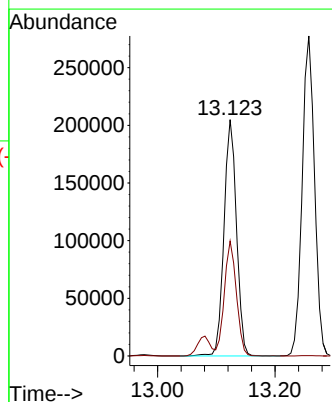
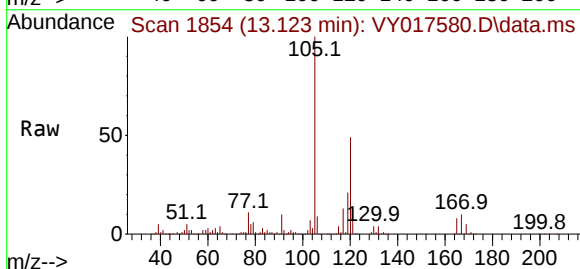
Manual Integrations
APPROVED

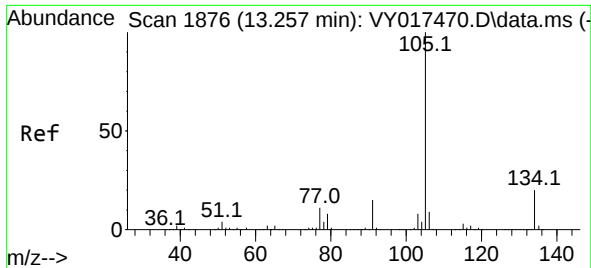
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#84
1,2,4-Trimethylbenzene
Concen: 51.372 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

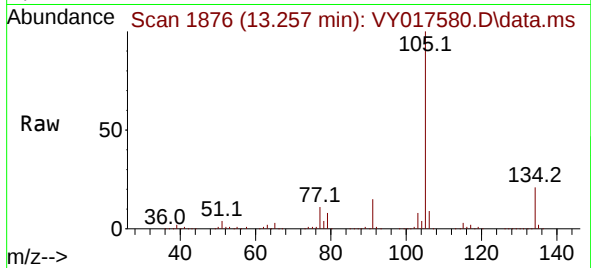
Tgt Ion:105 Resp: 302798
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 50.413 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY017580.D
 Acq: 06 Mar 2024 09:20

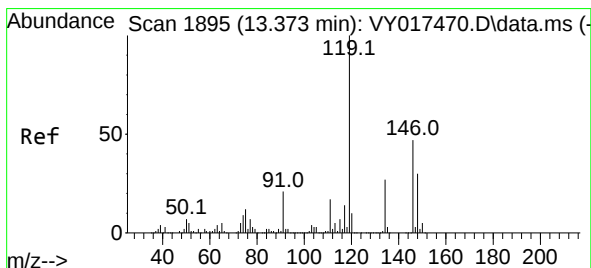
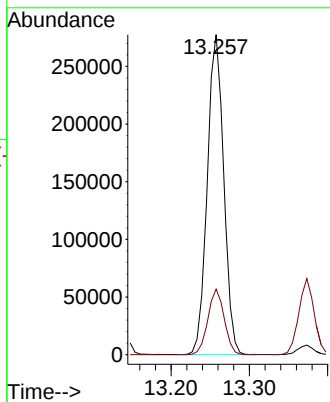
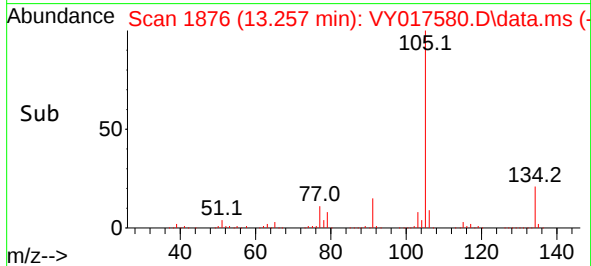
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



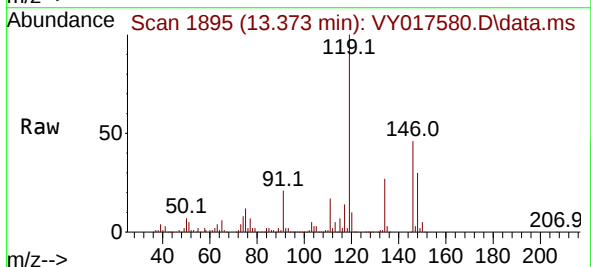
Tgt Ion:105 Resp: 40409
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1

Manual Integrations
 APPROVED

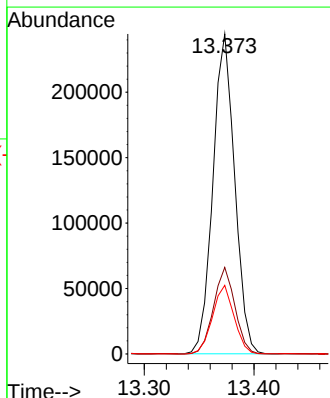
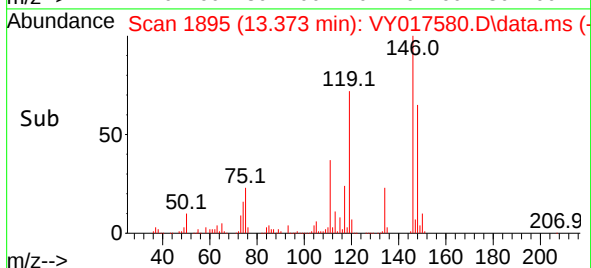
Reviewed By :John Carlone 03/07/2024
 Supervised By :Mahesh Dadoda 03/07/2024



#86
 p-Isopropyltoluene
 Concen: 51.409 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY017580.D
 Acq: 06 Mar 2024 09:20



Tgt Ion:119 Resp: 337326
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.3
 91 21.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 49.636 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017580.D

Acq: 06 Mar 2024 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 179799

Ion Ratio Lower Upper

146 100

111 36.8 19.0 57.0

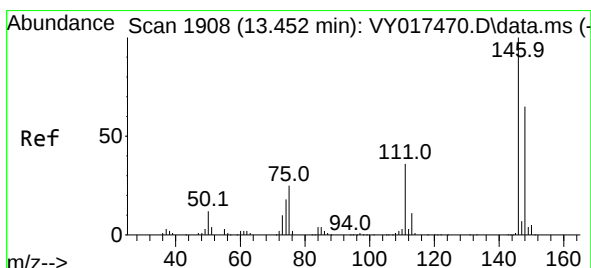
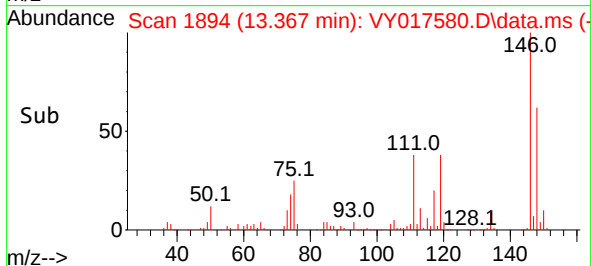
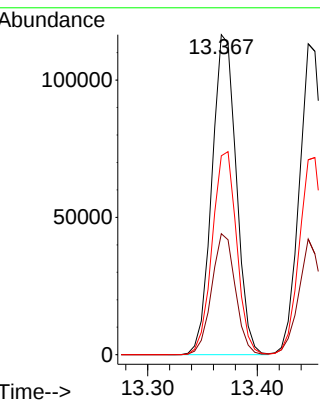
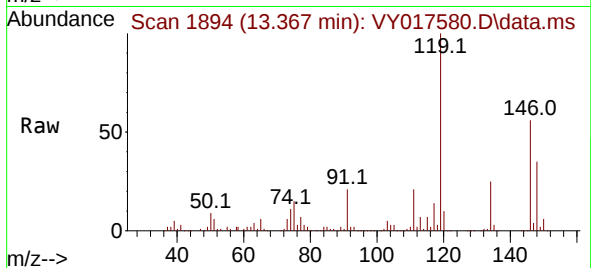
148 63.7 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#88

1,4-Dichlorobenzene

Concen: 49.479 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY017580.D

Acq: 06 Mar 2024 09:20

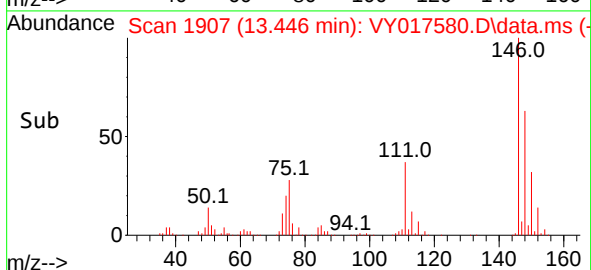
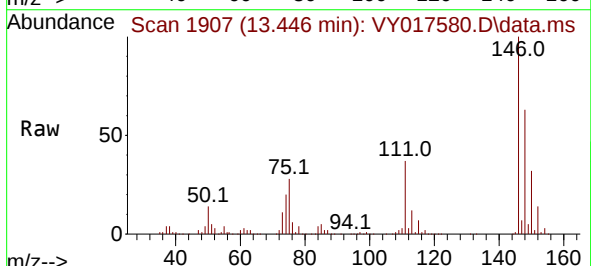
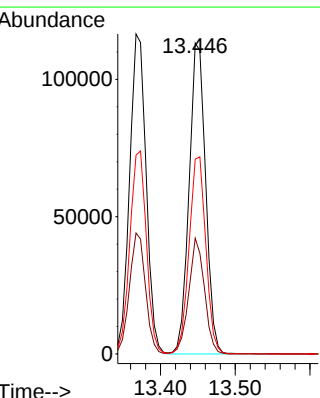
Tgt Ion:146 Resp: 174251

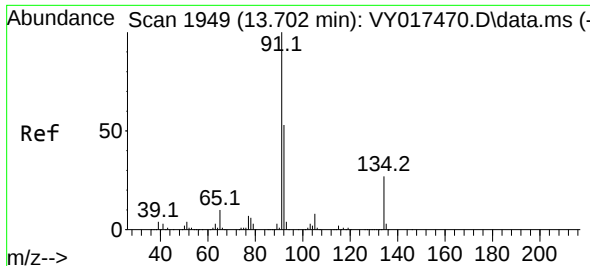
Ion Ratio Lower Upper

146 100

111 35.3 18.4 55.4

148 64.1 32.4 97.2





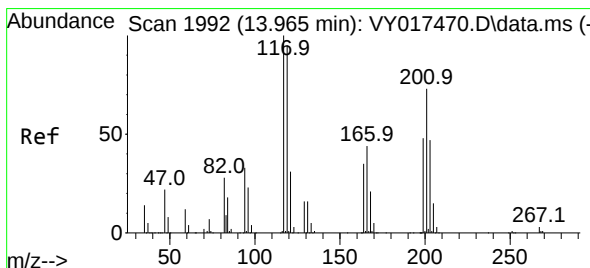
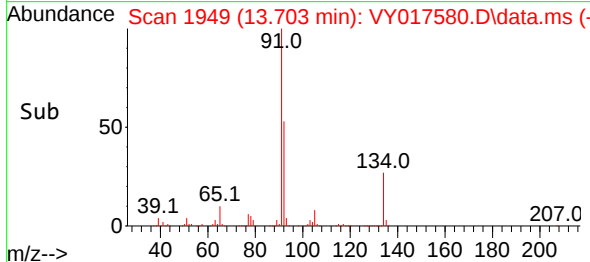
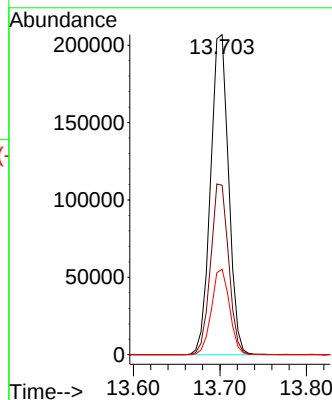
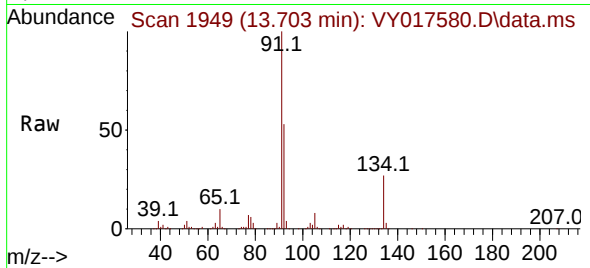
#89
n-Butylbenzene
Concen: 50.098 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 299918
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.7
134 26.7 12.9 38.7

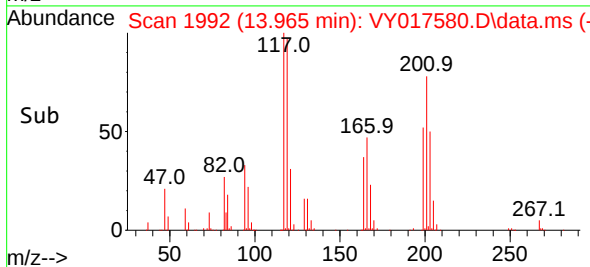
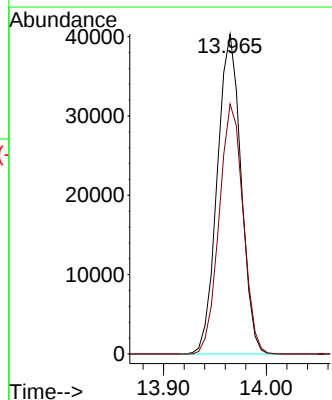
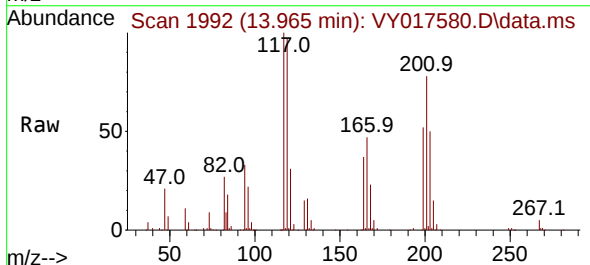
Manual Integrations
APPROVED

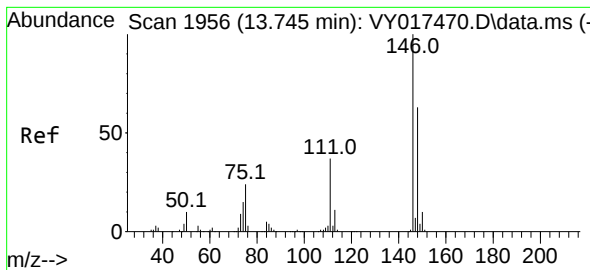
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#90
Hexachloroethane
Concen: 49.118 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

Tgt Ion:117 Resp: 64613
Ion Ratio Lower Upper
117 100
201 78.8 37.4 112.2





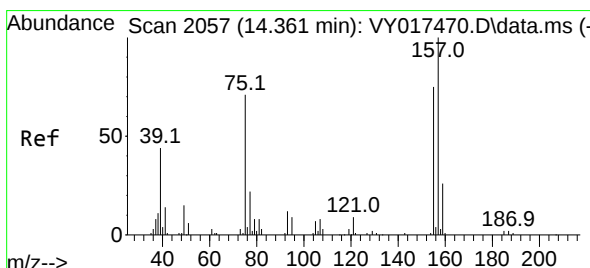
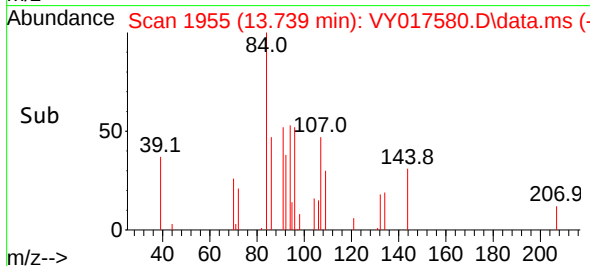
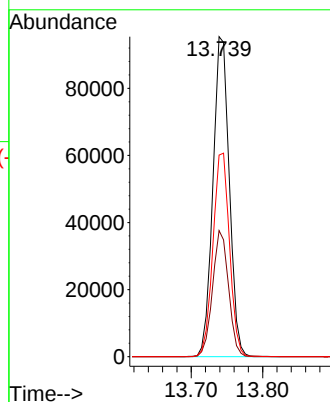
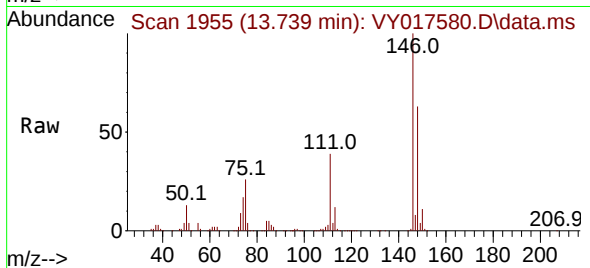
#91
1,2-Dichlorobenzene
Concen: 49.459 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 151544
Ion Ratio Lower Upper
146 100
111 38.5 19.9 59.7
148 64.5 31.8 95.4

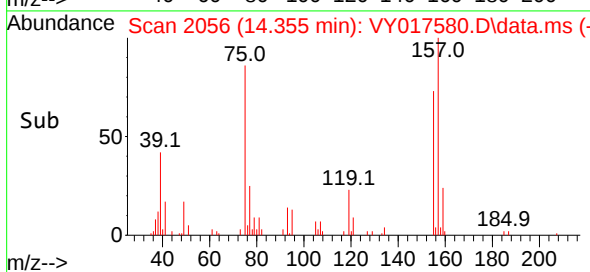
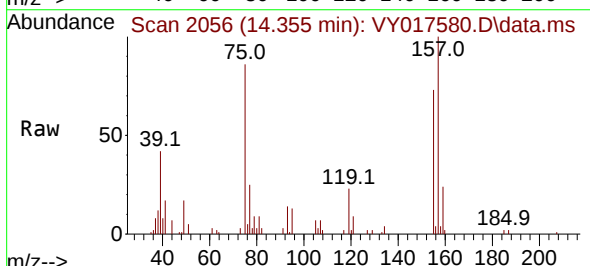
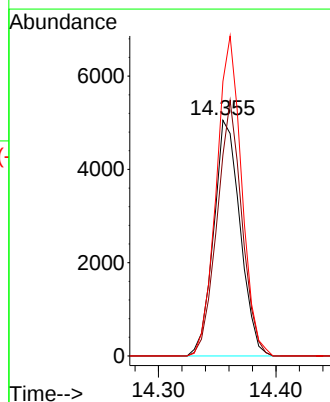
Manual Integrations
APPROVED

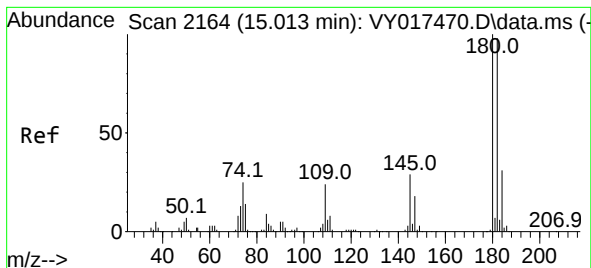
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.879 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

Tgt Ion: 75 Resp: 7894
Ion Ratio Lower Upper
75 100
155 101.8 48.6 145.8
157 129.4 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 50.023 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017580.D

Acq: 06 Mar 2024 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

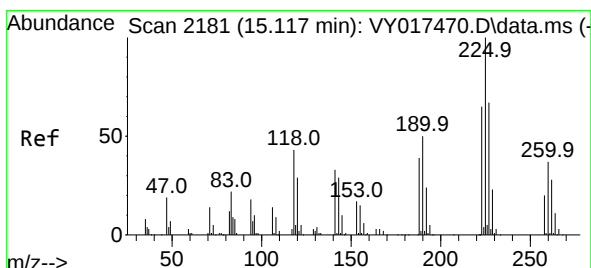
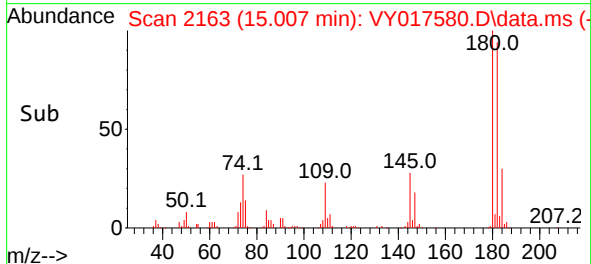
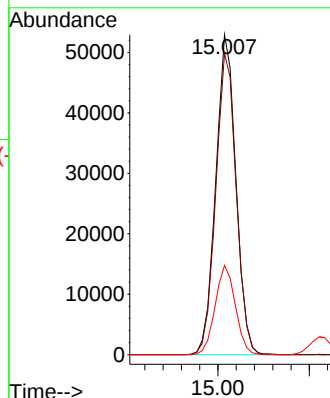
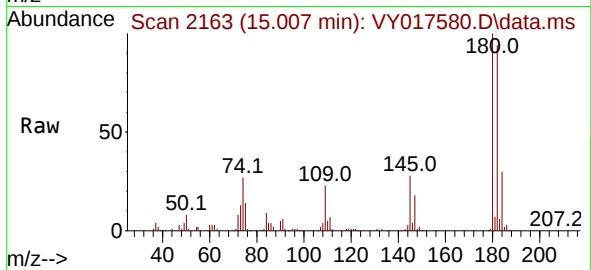
Tgt Ion:180	Resp:	80958
Ion Ratio	Lower	Upper
180	100	
182	95.4	47.9 143.8
145	27.9	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#94

Hexachlorobutadiene

Concen: 49.029 ug/l

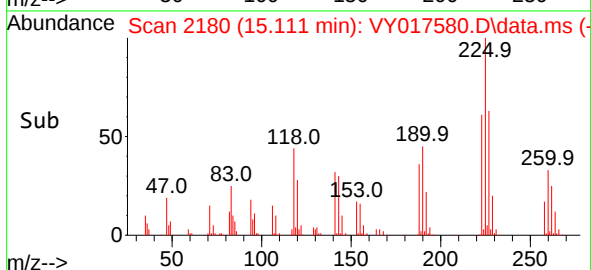
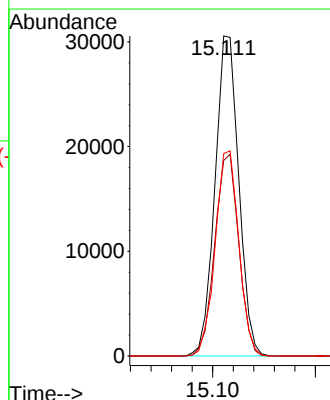
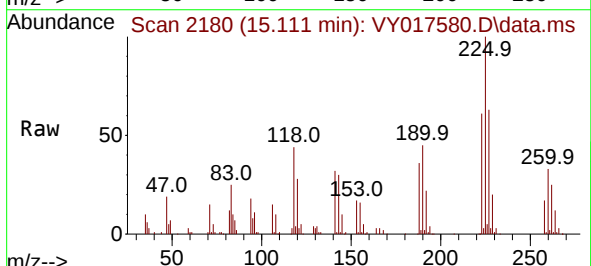
RT: 15.111 min Scan# 2180

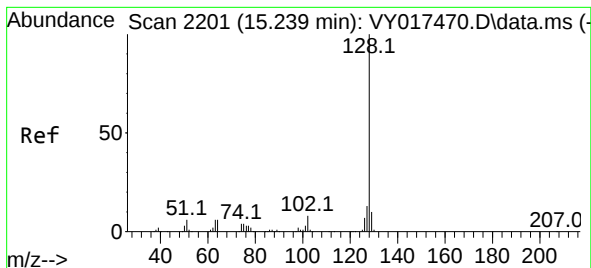
Delta R.T. -0.006 min

Lab File: VY017580.D

Acq: 06 Mar 2024 09:20

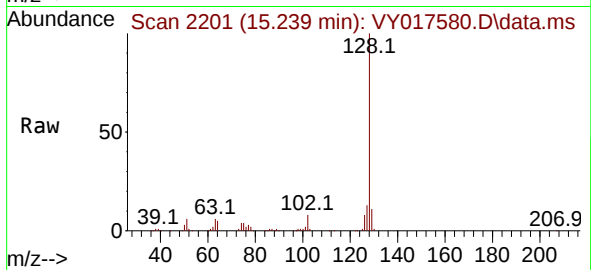
Tgt Ion:225	Resp:	48991
Ion Ratio	Lower	Upper
225	100	
223	63.5	30.4 91.2
227	63.7	31.9 95.9





#95
Naphthalene
Concen: 42.887 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20

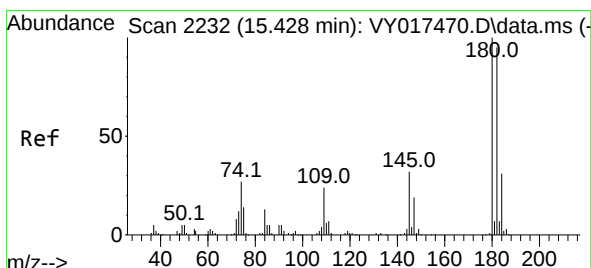
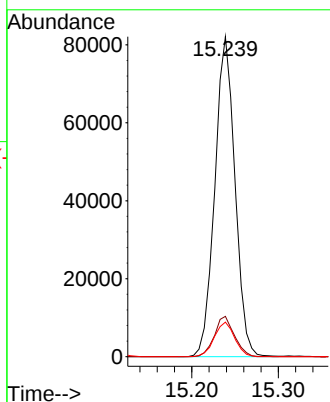
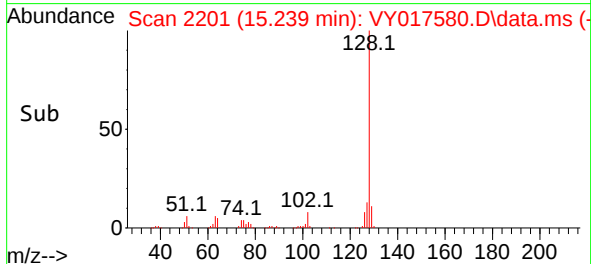
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



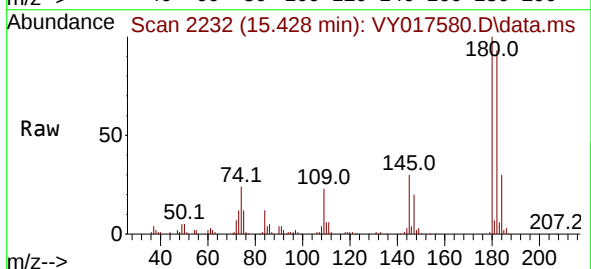
Tgt Ion:128 Resp: 132590
Ion Ratio Lower Upper
128 100
127 12.6 10.6 16.0
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#96
1,2,3-Trichlorobenzene
Concen: 48.514 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY017580.D
Acq: 06 Mar 2024 09:20



Tgt Ion:180 Resp: 67357
Ion Ratio Lower Upper
180 100
182 96.0 47.6 142.9
145 31.1 15.4 46.1

